

**CLEARFIELD CREEK WATERSHED ASSOCIATION  
MINUTES  
MEETING OF  
JULY 16, 2019**

www.clearfieldcreekwatershed.org

The meeting was called to order by President Elect Dan McMullen with the pledge to the flag. There were 8 members present. A **motion** by Dick Dotts and seconded by Ed McMullen was then passed "accepting the June 18, 2019 minutes". Dan reminded all present that the minutes were being taped.

**Secretary's Report:**

Jerry reported that he had recently been interviewed by an intern reporter for the Mountaineer Herald in Ebensburg. He had also contacted Earl Smithmyer for some information about the founding of CCWA. The article should appear soon in the local weekly paper.

Jerry also went over the recent mailings received; an invitation from the Community Foundation for the Alleghenies inviting CCWA to their Founder's Day celebration on August 8<sup>th</sup>, a letter from Prince Gallitzin Park inviting CCWA to participate, once again, in their annual Cider Festival on Sunday, October 6<sup>th</sup> - Jerry is to respond, and finally a letter from Mountain Research, LLC stating that the company has been bought out by Fairway Laboratories, Inc.

The members present reviewed the list from the organizations that donated to the fishing derby. Jerry is to send out a thank you letter.

**Membership Committee:**

No new memberships were received this past month.

**Public Relations/Historical Committee:**

There was nothing to report, at this time.

**Finance Report:**

Jerry reported that he had picked up the pallet of beer tickets from Damin Printing. Ray, although unable to attend the meeting due to a recent illness, had the tickets in packs for the members to take. Tickets are \$2.00/each and we have lots of tickets for sale. The winner will receive 15- \$40.00 gift certificates from Falchini's in Ebensburg and you have 6 months to use them.

**Treasurer's Report: given by Shawn Simmers, July 16, 2019**

**Deposits:**

Safari Club- Donation	\$ 300.00	Dysart Dam Fund
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**Expenses:**

Dan McMullen-Quickbooks fee	\$ 37.10	General Fund
Mountain Research	\$ 250.00	Comm. Foundation Grant
Damin Printing	\$ 78.00	SGOC Account

Shawn reported that all deposits were made and all expenses were paid this past month. Shawn discussed the options for the CD that will mature in August. He also reported that he and Larry continue to work on the 990 form. Shawn mentioned that someone from CCWA needs to attend the ceremony on August 8<sup>th</sup> at the DEP office in Ebensburg to accept the grant check from ARIPA.

A **motion** by Dick Dotts and seconded by Eric Skrivseth was passed “to accept the treasurer’s report and to pay the invoices.”

#### **Grant Committee:**

Art is working on a grant for design and permitting of the Sand Springs project that is due August 9<sup>th</sup>. A **motion** by Ed McMullen and seconded by Dick Dotts was passed “authorizing Dane to sign the grant proposal for design and permitting on the Sand Springs project.”

#### **Cleanup Committee:**

The recent two cleanups went very well- Route 36, June 25<sup>th</sup>, 12 volunteers- we picked up 30 bags, 4 mattresses, 30 tires, siding and some flooring. Unfortunately, someone had dumped at a pull off area in this section. Route 53, July 14<sup>th</sup> - 12 volunteers- we picked up approximately 40 bags of litter.

Just a reminder that we have one more cleanup on Route 53- September 29<sup>th</sup>. Please put this cleanup on your calendar.

**Tech Committee:** The following Tech Report was presented by Art Rose-Chairman of the Tech Committee: **Tech Committee Report- July 16, 2019**

Klondike Project Outflow samples collected 6/23 by Dane from KL-1 were net alkaline with low Fe and from KL-2 were very slightly net acid but with low Fe and Al. A new weir was installed on KL-1. Samples from the MRU box on 6/18 show very low rates of flow and iron removal, probably because of leaks in the inflow pipe and plugging in the inflow. These problems were cured by Colin on 7/8. Two samples from the box were collected 7/16. CCWA submitted a letter of support on 7/7/ to Ecoislands LLC for a \$200,000 research proposal to the Abandoned Mineland Fund involving 4 boxes of new design. CCWA has rights to approve the box placement, receive all data, reject the system in case of unsatisfactory effects, and keep the boxes at no cost after 2 years.

West Ferris Project Outflow samples collected by Dane on 6/23 from Systems 1, 2 and 3 were strongly net alkaline. Samples from sites 32R3 and 32R4 were slightly acid with some iron. The near neutral character of 32R3 continues since 2/18. Possible reasons are influx of deep water from the Ferris Wheel site or admixture of unusually large amounts of alkaline flow from System 2 and 3. Field pH data by Art indicates that the latter alternative may be correct. A lab sample was collected to check this. Unfortunately, we were not able to get flow rates for System 3 and 32R4 – we need to try to get this in the future. The sizing of System 4 will depend on the source and permanence of this phenomenon. We decided that Dane should contact Mr. Moyer to try to arrange a field meeting to discuss the construction, possibly a settling pond partly on the seep area to capture the iron precipitate with a future full treatment system as a possibility.

Bryan suggested that a permit waiver might be possible for building on the seepage wetland by contacting Amy Eliot of the Corps and DEP personnel.

Sand Springs Project A sample collected 6/23 shows moderate acidity and high flow. A proposal for design funds of about \$50,350 is underway by Art, due 8/9. Contact with the Cooney Trust was attempted but is so far unsuccessful. Signing of this proposal by Dane and submission to DEP was approved.

Gibson Project Samples collected on 6/23 by Dane show slightly net alkaline outflow from System 2 and slightly net acid outflow from System 1. Art attempted to change the flushing time on System 1 from Sunday 1 pm to Wednesday, but was unable to get the computer to reset this. He will follow up on this. We need to verify that System 1 is flushing and change the timing, so we are not sampling when it has just flushed. We also need to divert the 184 discharge into treatment.

Little Laurel Run Samples collected on 6/23 from the 3 stream weirs show moderate net acid values and high flow. The results for 32MS3 indicate that there is an unrecognized source of acidity in the upper watershed. We need to identify this.

Swank Project Samples collected 6/24 by Ray and others show moderate treatment as before but with some Al left in the outflow. We are ready to obtain the limestone sand provided by our grant from ARIPPA, but need to obtain the contact info for the quarry that supplied the Gibson limestone, which is better quality than the Tyrone limestone. Probably this is a Hawbaker quarry. Art will follow up on this. We decided to consult Slovikosky about whether the road is adequate for a heavy truck.

Brubaker Project A set of 10 samples collected on 5/27 by Dane shows low to moderate loading on discharges in the upper valley and alkaline outflow from Bender and Cooney treatment systems. However, the sampled discharges do not account for all the acidity loading at CCWA-B, indicating that there are unrecognized discharges in the watershed. We need to look for other sources and get weirs on all discharges or measure with the flowmeter. Another set of samples was collected on 7/14. Tom Clark indicates that he will work on a design for BBC-26 in a month or so after completing current projects.

Ace Drilling The area was inspected on 6/24 by Ray and Chuck. Both systems were treating satisfactorily.

Datalogger No new data was received.

<b>To Do as of 7/16/19</b>				
<u>Project</u>	<u>Interva</u>	<u>Person</u>	<u>Last Done</u>	<u>Do by</u>
<b>KL1-KL2 Inspection</b>	M	Shawn, Dan	6/23/2019	7/31/2019
KL1-KL2 sampling	Q	Dan,Dane	6/23/2019	9/30/2019
<b>MRU Sampling</b>	M	Art	7/16/2019	8/31/2019
<b>WF Inspection</b>	M	Dan,Dane	6/23/2019	7/31/2019
WF Sampling	Q	Dan,Dane	6/23/2019	9/30/2019
<b>WF Flushing duration</b>		Art	10/1/2018	10/31/2018
<b>Sand Spring Weir sampling</b>	M	Shawn, Dan	6/23/2019	7/30/2019
<b>Sand Springs new weirs</b>				4/30/2019
<b>Gibson inspection</b>	M	Shawn	6/23/2019	7/31/2019
Gibson sampling	Q	Shawn	6/23/2019	9/30/2019

<b>Gibson flushing observation</b>	Q?	Art	10/1/2018	10/31/2018	8
<b>184 sampling, weir</b>	M	Shawn	6/14/2018	10/31/2018	8
<b>L. Laurel mouth weir repair</b>				5/31/2019	
Swank insp. And sampling	Q	Ray	6/24/2019	9/30/2019	
Little Laurel sampling	Q	Dan, Dane	6/23/2019	9/30/2019	
<b>Brubaker sampling</b>	M	Dane	7/14/2019	7/31/2019	
Ace Drilling inspection	Q	Ray	6/24/2019	9/30/2019	

**OLD BUSINESS:**

**CCWA Brochure:** Work on the brochure is still pending.

**Brubaker Wells:** Bryan reported that he has been on-site two different times trying to locate these wells. He has been using a pink flag to mark the wells that he has located.

**Letter of Support:** As mentioned last month, Shawn had drafted and Dane signed a letter of support for the state tax credit for the local waste coal plants.

**New Business:**

**Letter of Support:** RE: Art had drafted a letter of support for the Reauthorization of the Collection Fees Supporting Abandoned Mine Land Fund. Dan was to sign this letter.

**CCWA Credit Card:** It has been discussed in the past about the need for a credit/debit card for CCWA. Shawn is to contact our bank of deposit, PennCrest Bank, to see what card is available.

**Litterbug Law Signs:** Ed had a stack of litterbug signs that he had received from Al Colian, the local Fish & Boat Commission officer. Some of these will be posted at the areas where dumping has occurred and hopefully deter some dumping.

**Watershed Association:** Eric mentioned that he and another person, Eric Rosengrant, are attempting to form the Moshannon Creek Watershed Association with the help of Rachel and Kelly from the Clearfield Conservation District. We wish them the best of luck and support.

**Next Meeting: August 20, 2019 Conference Room, Prince Gallitzin Park Office, 6:30 PM.**

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