

CLEARFIELD CREEK WATERSHED ASSOCIATION
MINUTES
MEETING OF
NOVEMBER 15, 2016

www.clearfieldcreekwatershed.org

The meeting was called to order by President Ed McMullen with the pledge to the flag. There were 13 members present, plus Michelle Merrow from Alder Run Engineering. A **motion** by Dick Dotts and seconded by Dan McMullen was then passed accepting the October 18, 2016 minutes with this change.

Secretary's Report:

Jerry reviewed the mail received this past month; a request from TU for a donation to their annual appeal and the Donor Fund Statement from the Community Foundation for the Alleghenies dated July 1 to September 30, 2016.

Membership Committee:

There were no new memberships received this past month.

Public Relations/Historical Committee:

Earl had an article from The Mainliner that gave an update on the DEP plant that is to be built in the Cresson Shaft area. Hopefully construction will be beginning in 2017. Dick discussed a recent e-mail from The Progress that needs our minutes condensed before they can be printed in the newspaper. Special thanks to Michelle who takes care of this for CCWA.

Finance Report:

Earl asked if we could send out the solicitation letters, in the next few weeks, asking for a donation to CCWA. Jerry reminded Dan that the SGOC license needs to be renewed for 2017.

Treasurer's Report: Dane Kalwanaski: November 15, 2016

Deposits:

DEP Reimbursement	\$124,236.49	WFW Phase 2
Clean Streams- Ace Drilling site	\$ 190.00	General Fund

Expenses:

Krieger Excavating	\$112,718.89	WFW Phase 2
Trout Unlimited	\$ 89.10	General Fund
Mountain Research	\$ 179.00	KL-Chitin

Dane stated that he continues to work with Wessel & Co. and a financial report should be ready soon. He had an updated report on all ledger accounts beginning January 1, 2016 to October 31, 2016 for the Board members to review. A **motion** by Dan McMullen and seconded by Earl Smithmyer was passed "to accept the treasurer's report and to pay the invoices."

Grant Committee:

Dan had nothing new to report this month.

Election Committee-Nominations:

At this time Ed opened the floor for nominations. The following nominations were received:

President- Ed McMullen, nominated by Dick Dotts, second by Earl Smithmyer.

Treasurer- Shawn Simmers, nominated by Dan McMullen, second by Ray Hollen.

Board Member- Dick Dotts, nominated by Earl Smithmyer, second by Ed McMullen.

Secretary- Jerry McMullen, nominated by Dick Dotts seconded by Dave McMullen.

Ed reminded all present that we will also be accepting nominations at the December meeting after which nominations will then be closed and elections will be held at the annual meeting in January.

Tech Committee: The following Tech Report was presented by Art Rose-Chairman of the Tech Committee: **Tech Committee Report- November 15, 2016**

Klondike Project Field analyses on 11/15 show 5.4 and alkalinity 120. The system is treating well.

W Ferris Wheel Project System 1 and 2 were hand-flushed about 11/8 by Michelle.

The 3 systems were sampled by Taylor on 11/14. Field analyses show pH above 7 and >200 alkalinity on the outflow of Systems 1 and 2. System 3 is somewhat less alkaline, with pH 6.7 and 100 alkalinity. Flows thru all systems are low: System 1 <10 gpm, System 2 about 20 gpm, and System 3 10-20 gpm. Water from the small stream is only partly entering the pipe to system 2, and is overflowing the dam untreated. It is not clear whether the valve into System 2 is completely open. We will have to see how this system treats the water when flow becomes higher. System 2 is designed big enough to treat only about half the acidity load from the small stream. For the moment, we should see if it will treat larger loads – i.e., allow all the water from the stream to enter the system. If it will not treat all the higher flow periods, possibly we can provide a channel for some flow to go to system 1. We may have to investigate additional treatment systems to supplement systems 2 and 3. We need to place weirs at several points to allow better monitoring. We also need to observe the flushing to determine how long to allow the flush. We need to add several weirs in the W Ferris systems; Art and Taylor will make a detailed plan for this.

Ferris Wheel Taylor and I visited the Reveg site a few weeks ago. The grass is growing extremely well – it is more than a foot high in most places. Very few trees have survived.

Gibson Project The system has been treating water for about a month. Field data indicates moderate outflow alkalinity. Final limestone is now added to the cells, and a weekly flushing sequence has been established. Shawn and Dan have volunteered to conduct monthly sampling. We will need to check the inflow pipe to check for plugging by leaves.

Beldin Project We still await agreement with Bender Coal on permission for access and to build on a small piece of their land. We need to obtain this permission soon to avoid having to reject the construction grant agreement.

Little Laurel Sampling The 3 weirs on Little Laurel Run are due for sampling. The results should indicate the improvement created by the W Ferris and Gibson projects.

Swank Project This system will be sampled in the near future.

Brubaker project The St. Francis students sampled the upstream area a few weeks ago. We are working on getting an access agreement for the Watt property.

Amsbry Project No activity.

Clearfield Creek Sampling Lab results were received from DEP for the September sampling. Clearfield Creek water continues to be relatively low in AMD constituents. The 13 sites were sampled for the last quarter on 11/15 by Ray, Chuck and others.

Glasgow Project No activity.

To Do List A listing of tasks and scheduling has been prepared (see below).

To Do

As of 11/14/16

<u>Project</u>	<u>Interval</u>	<u>Person</u>	<u>Last Done</u>	<u>Do by</u>
KL1 Inspection and monitoring	M	Art	10/24/2016	11/15/2016
KL2 inspection and monitoring	Q	Dan	5/xx/15?	12/31/2016
WF Inspection and monitoring	M	Taylor	11/14/2016	12/20/2016
Gibson insp. And monitoring	M	Shawn	10/9/2016	11/30/2016
Beldin insp. And monitoring	Q	Dan	10/11/15?	11/30/2016
Swank insp. And monitoring	Q	Art	7/19/2016	11/30/2016
Little Laurel sampling	Q	Dan	8/28/2016	12/31/2016
Clearfield Creek sampling	Q	Ray	11/15/2016	3/31/2017
Ace Drilling inspection	Q	Ray	11/14/2016	3/31/2017
Beldin Quarterly Report	Q	AWR	10/31/2016	1/31/2017
Gibson Quarterly Report	Q	Michelle	?	1/31/2017
Watt Agreement		Dan		12/31/2016
Bender agreement-Beldin		Shawn		12/31/2016
WF weirs		Taylor/Mem		12/15/2016
WF flushing observation		AWR-MM		12/15/2016
Gibson flushing observation		Shawn-MM-AWR		12/15/2016
Gibson weir – move		Shawn-Dan		12/15/16

M Monthly

Q Quarterly

The Following Is Michelle Merrow’s Report, Presented by Michelle Merrow, Alder Run Engineering: November 15, 2016.

Gibson-CCWA had a walk-through and identified some final completion items. The system intake is allowing 100% of flow in the channel into the system. The systems are flushing Monday and Tuesday, automatically, on a weekly basis. The system was sampled prior to hunting season, and seems to be working well. ARE is making some minor adjustments on flush time, perforations in the outlet, and water levels.

A weir was requested by Art Rose to measure intake flow. Money will be held until the action items are addressed. The contractor moved out his wood processing plant as requested by PGC. Michelle suggested setting up a training day for CCWA on how to operate the system.

West Ferris Wheel--Taylor reported that the intake of system 2 was having issues and not taking the full 100 gpm that it was set at. (follow up--Michelle looked at that on the following Thursday, and all flow was going from the channel into the system). Taylor's data shows that the individual treatment cells are working well. The contractor was continuing to work on punch list items. Michelle gave Art/Taylor CCWA's CD with aerial photos of the WFW area. The final 319 paperwork was submitted for the project. The release of bonds and completion of final action items was discussed with the Board.

Data Logger: Art reported one set of data was received from Bryan through October.

Ace Drilling Site: Ray reported that the site was flushed and inspected on Monday, November 14th by he, Chuck and Jerry for this last quarter. The systems are performing satisfactorily.

Old Business:

Forcey Coal, Inc.-Passive System: Dick stated that he still has not received anything from John Mital or Scott. Dick is to contact both and follow up to see when Forcey Coal will be finished with work in this area.

New Business:

Board Meeting-October 18, 2016: As a matter of record, the Board of Directors met after the regular meeting on October 18th to discuss both the WFW and Gibson-Halstock projects.

Phil Thomas Meeting-October 24th: Ray and Jerry represented CCWA at this meeting held by Phil Thomas, Habitat Coordinator for TU. Other parties attending were DCNR from Prince Gallitzin Park and the PGC. Discussed were the synergies use of services and personnel between the different parties and streams that could benefit from this program. Phil and others were to take a look at Slate Lick Run.

Next Meeting: December 20, 2016, Conference Room, Prince Gallitzin Park Office, 6:30 PM.

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