

**CLEARFIELD CREEK WATERSHED ASSOCIATION  
MINUTES  
MEETING OF  
SEPTEMBER 17, 2019**

www.clearfieldcreekwatershed.org

The meeting was called to order by President Dane Kalwanaski with the pledge to the flag. There were 7 members present plus two visitors, Ed Keller-Art's friend and Colin Lennox. Collin has the iron removal box at our KL-1 site. A **motion** by Art Rose and seconded by Bryan Rabish was then passed "accepting the August 20, 2019 minutes". Dane reminded all present that the minutes were being taped.

**Secretary's Report:**

Jerry reported that he had called Randy at Hawbaker's concerning a potential site visit to the Ace drilling site prior to delivery of materials. He also reported that he is hoping to attend the legislative breakfast on October 4<sup>th</sup>, representing CCWA. He will need to purchase a box of envelopes in the near future.

**Membership Committee:**

No new memberships were received this past month.

**Public Relations/Historical Committee:**

Ray had nothing new to report.

**Finance Report:**

Ray reported that he had only a couple books of pallet of beer tickets left for sale. They are going fast so please buy a few now to support CCWA.

**Treasurer's Report: given by Shawn Simmers, September 17, 2019**

**Deposits:**

None

**Expenses:**

|  |           |                        |
|--|-----------|------------------------|
| Jerry McMullen-internet host fee                                     | \$ 104.84 | General Fund           |
| Dan McMullen- Quikbooks fee  | \$ 74.00  | General Fund           |
| Fairway Labs- water sampling<br>Klondike, WFW, Gibson, Little Laurel | \$ 700.00 | Comm. Foundation Grant |

Shawn reported that all deposits were made and all expenses were paid this past month. He reported that the 990 form should be completed very soon. Shawn also stated that there were some outstanding invoices from Mountain Research. Upon further review by Shawn, these invoices had not been sent to CCWA for payment.

A **motion** by Eric Skrivseth and seconded by Ray Hollen was passed "to accept the treasurer's report and to pay the invoices."

### **Grant Committee:**

Different potential sources for grants were discussed. The 319 money is to open up soon. OSM Grant (Colin Lennox reported that he has applied for this grant but the money has not been released yet), and Colin is also looking at the National Science Foundation for a grant.

### **Cleanup Committee:**

Dane reminded the members present that we have one more cleanup on Route 53 and Clearfield Creek on September 29<sup>th</sup>. Dan is to contact Ted Fudalwski for use of the Municipal building in Dysart. We will be meeting at 8:45 AM.

### **Tech Committee:** The following Tech Report was presented by Art Rose **Tech Committee Report- September 17, 2019**

Klondike Project Samples from the MRU box on 7/16 showed no iron removal, but those from 8/9 showed a high removal rate. Colin has made several modifications of the box in this period and we are now awaiting sampling showing the effects of these modifications. Colin discussed the possibility of a National Science Foundation grant to conduct further research on this site. The Klondike sites were sampled on 9/8. A new set of owners, the Balzano's have purchased the Hite-Garman property. We are preparing a new Landowner agreement to cover use of the road to the W Ferris project. The validity of the former Good Samaritan agreement will be checked by Art.

West Ferris Project On 8/9, the VFP of System 2 was dry though some water was flowing in. Visits since then by Dane and others have found that the flushing valve was not closing and have removed it, possibly to be replaced by the manufacturer. Dan is taking photos of the valve. We intend to repair this problem in the near future so the limestone bed will not be plugged. A sample from 32R3 on 8/9 showed moderate acidity and iron, as did samples prior to about a year ago. This indicates that the recent low acidities are probably due to high flow of treated water from WF System 2. We need to build System 4 to treat this higher level of acidity and metals, as was designed by Michelle. Also, a quarterly report is needed for the System 4 grant, to be done by Art. Quarterly sampling was done on 9/8. Dane will contact Mr. Moyer with a formal notice so that we can come to agreement on construction.

Sand Springs Project No activity.

Gibson Project Bryan successfully changed the flushing time on System 1 from Sunday to Friday. Art suggested that he change it to Wednesday so if we sample on the weekend we are not sampling the day of the flush. Quarterly sampling is due. Also, we should place a weir on the 184 discharge to evaluate diverting it into the Gibson system.

Little Laurel Run Quarterly sampling was done on 32MS2 and 32MS3 on 9/8, but a sample from the mouth is needed.

Swank Project Quarterly sampling was done by Ray and Chuck on 9/17. Ray questions whether a rock truck can traverse the road. Jerry is arranging a visit by a trucker from Hawbaker. Art will contact Hawbaker for specifications on the limestone "sand" (%CaCO<sub>3</sub> and particle size).

Brubaker Project Samples from 8/25 were received from the lab. A weir was placed in the BBC-22 site which is a very significant acid source. Several sites were dry (CCWA-9 and BBC-16). No further work on locating drillholes. The CCWA lock was removed from the gate by Yahner of the Game Commission – we need to contact them to arrange routine access.

Ace Drilling The site was inspected on 9/17 by Chuck and others. At 26A, much of the water is seeping from a leak at the west end.

Dataloggers No new information.

**To Do as of 9/18/19**

| <u>Project</u>                     | <u>Interval</u> | <u>Person</u> | <u>Last Done</u> | <u>Do by</u> |
|------------------------------------|-----------------|---------------|------------------|--------------|
| KL1-KL2 Inspection                 | M               | Shawn, Dan    | 8/9/2019         | 10/31/2019   |
| KL1-KL2 sampling                   | Q               | Dan,Dane      | 9/8/2019         | 12/31/2019   |
| <b>MRU Sampling</b>                | M               | Colin?        | 8/9/2019         | 9/30/2019    |
| WF Inspection                      | M               | Dan,Dane      | 8/31/2019        | 10/31/2019   |
| WF Sampling                        | Q               | Dan,Dane      | 9/8/2019         | 12/31/2019   |
| <b>WF2 Flushing repair</b>         |                 | Dane, Dan     |                  | 9/30/2019    |
| WF Sys 4 quarterly                 | Q               | Art           | 9/8/2019         | 12/31/2019   |
| Sand Spring Weir sampling          | M               | Shawn, Dan    | 9/8/2019         | 12/31/2019   |
| <b>Sand Springs new weirs</b>      |                 |               |                  | 4/30/2019    |
| Gibson inspection                  | M               | Shawn         | 8/9/2019         | 10/31/2019   |
| <b>Gibson sampling</b>             | Q               | Shawn         | 6/23/2019        | 9/30/2019    |
| <b>Gibson flushing timing</b>      |                 | Bryan         | 9/10/2019        | 9/30/2019    |
| <b>184 sampling, weir</b>          | M               | Shawn         | 6/14/2018        | 10/31/2018   |
| <b>L.Laurel mouth weir repair</b>  |                 |               | ?                | 5/31/2019    |
| Swank insp. And sampling           | Q               | Ray           | 9/17/2019        | 12/31/2019   |
| <b>Little Laurel sampling</b>      | Q               | Dan, Dane     | 9/8/19 part      | 9/30/2019    |
| <b>Brubaker sampling</b>           | M               | Dane          | 8/25/2019        | 9/30/2019    |
| <b>Ace Drilling inspection</b>     | Q               | Ray           | 9/17/2019        | 12/31/2019   |
| Brubaker weirs (BBC22, ...)        |                 |               |                  | 9/30/2019    |
| <b>Brubaker additional sources</b> |                 |               |                  | 9/30/2019    |

**OLD BUSINESS:**

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

**New Business:**

**Apple Cider Festival:** Plans were made for the setup and the manning of our display at the festival.

**Next Meeting: October 15, 2019 Conference Room, Prince Gallitzin Park Office, 6:30 PM.**

**Adjournment:** On a **motion** by Ray Hollen and seconded by Bryan Rabish the meeting was adjourned.