

Raccoon Creek TAC
12-7-16
Voinovich School, RM 214
9:00 – 11:30 a.m.

Attendance: Amy Mackey, Sarah Landers/Cornwell, Jeff Calhoun, Kaabe Shaw, Mary Ann Borch, Kelly Capuzzi, Chad Gatt, Kara Roberts

1.) Introductions

2.) Review/ Approve

- Minutes Approved, Kaabe revised info about Daniels planting mix.

3.) General watershed coordinator update (Amy Mackey)

- Doser Data → doser went down day before thanksgiving and pH a the channel was a 3. Amy added briquettes in channel but had no tools to fix it then. Gear shaft was not turning auger for unknown time (up to a week) because the set screw for sprocket was loose. **Possibly need to get Loc-Tight or get another set screw to put in above old one.** Amy got the doser running again on Thanksgiving 11-24-16
- Doser went down for up to a week (11/16-11/23/16). OU grad student Zeb Martin had data Sondes in streams collecting data at the time. At Waterloo (HF090) the pH never went below 5 after a week of data. At Rockcamp Rd (HF039) the pH was barely affected and never went below 6.9. Good to know that we have some time to solve issues with the doser when they come up. And good to know for when we do doser maintenance this coming year.
- **Doser Cleaning: Potential flossing of the culvert soon. Need a group of people willing to help. Volunteers?**
- Amy- **“DOSER IS HAPPY” 12/6/16 Installed new chain, changed gear oil.**
- **Kaabe- Doser maintenance schedule needs update with checking set screw, check the chain, spray chain PB Blaster to get rust off (when cleaning channel).**
- **Potentially change chain to a better chain. Plastic races are disintegrating rather quickly on the TSC chains. We will keep track of how long this one lasts and see if we should get a better quality chain. See what Aqua-fix recommends when doing maintenance this year.**
- **Gate getting replaced this summer but people need to know not to drive around. They will need a key because they will be unable to drive around the new gate. Amy said there is a key for students to use in her office. Amy will send reminder to not drive around the gate and location of key.**
- Amy- Madison County Soil and Water: People seemed very excited and wanted to see Raccoon Creek, potentially do canoe float.
- Completed bug and fish monitoring for the year, did not do middle basin. IBI scores in Little RC are scoring well. **Amy working on IBI scores and bug ID.**

4.) Sarah Updates

- Sarah- RCP update: New board member Dustin Hoy (Lauren Dick stepped down from the board). Canoe livery opening in watershed, Hoy bought the old Reuse property. Want to partner with RCP. Also good access site for fish sampling.
- Sarah- Went to meeting with Wayne National Forest and Voin, want to establish relationship with Wayne and Voinovich. Want students and staff to help with fisheries, water quality data collection, and project maintenance. Need to open communication with Wayne so they are aware of their projects and ours.
- Sarah- submitted abstract to Morgantown American Society of Mining and Reclamation for maintenance tracker and its purpose. Waiting to hear back.

5.) EPA TMDL sampling

- Bad news: Laura Hughes (macro specialist) quit the EPA. Don't know when their bug data will be processed and certified. Might contract with MBI.
- Good news: Data will be ready by the end of the week from Jordan. We want raw data for TMDL. Kelly Capuzzi will put word in to get the data to us by the end of December if possible.
- We did 4 Little Raccoon Creek fish sites; EPA could potentially want this data. Amy will send data to Kelly
- 12 sentinel site monitored till march. Quarterly sampling at gauges.
- Amy- we need to keep submitting data to keep fish level 3 data. We need to check about how to submit.
- Another round of lake sampling this summer.
- HABs in Lake Alma. Kelly will keep us posted.

6.) Raccoon Creek Monitoring Plan Review

- Brooke Stokes is getting inventory of lowhead dams in Raccoon Creek to write a 9 element plan for thesis.
- Sarah has summary for monitoring plan review. The group approved sites and projects to archive until more data is needed.
- Chemistry: will submit study plan to EPA again in 2017 so they can use data for TMDL if they want it. Consolidated plans all into one document. Waiting for Ben to respond about the rotation for biological sampling. Ben wants group to decide how to rotate biological sampling.
- Mary Ann: maybe have an online conversation about how to rotate sampling. Amy: May not need to sample fish in 2017 because it was all hit this year for TMDL besides the middle basin – more discussion later about MB. Kelly: Need to get into contact with Jared Burson about fish data.
- Sarah: List of archived projects. If money comes around Sarah would like to get Middleton Run working again.
- Mary Ann: wants us to mention the turbidity in filtered samples data.
- Amy: We need to measure discharge in the doser channel still. We need to know the loadings for NPS report and to know how well the project is working.
- Jeff makes suggestion on taking the flow in the channel by using historical data and a flow meter.

- Kaabe: Archive East branch phase 1 site 7 (since it's too difficult to keep the pipes cleared as they run uphill between source pond and bed), if we see a change in data this year we can go back and monitor
- Kelly: Mitchell Hollow site showed the pH drop below 4 during rain event and **will send us this data.**
- Sarah: ODNR has decision if we should sample Peirce Run quarterly or twice a year.
- Marry Ann: Ok with twice a year sampling and the sites that we chose to sample are ok.
- Kaabe and Mary Ann: Would like to go check out Peirce Run to see if there is an active mining going on or what is happening above Oreton wetland. FUN FIELD FRIDAY, **we need to schedule a day.**
- Jeff- recommendations for biology in Peirce Run: the permit does not need biological sampling in 2017. The permit only requires ecological uplift in Peirce run.
- We have ecological uplift in Peirce Run so don't need to continue bio monitoring.
- Middleton run- Twice a year monitoring
- Lake Morrow- Twice a year monitoring. Limestone company may use Morrow as sediment pond and they will cover unreclaimed area with bypro.

7.) DOW Property Access

- Kaabe: RCP needs permission from DOW to do tours and bring vans back to Lake Milton property. If it is with ODNR business we do not need permission. **Kaabe will draft a letter for sampling permission and let us know what is needed for permission.**
- Amy: Ken Ritchie wants a plan for everything we are doing for the 2017 year at Waterloo with potential dates. **RCP crew will get this in by mid-January.**

8.) Daniels Reclaim and Ilesboro OSM WCAP grant update

- Amy: Daniels submitted but cannot get funding until the ASAP enrollment is finished. Waiting for the new password to get mailed to us, having issues with online site. **RCP will keep trying and will keep MRM informed on progress.**
- Kaabe: Ilesboro, OSM funding will potentially come from the 2016 fiscal year and are waiting back a response. May only be able to ask for \$100,000. **Kaabe will keep RCP informed.**

No funding updates

Owl prowl February 2nd at Lake Hope

AmeriCorps working on grants for Interactive stream table for fish and macros and Augmented Reality Sandbox (watershed model).

Next meeting will March 8, 2016 @ MRM Zaleski office. Breakfast potluck (Kaabe will organize)!