

QUITTAPAHILLA WATERSHED ASSOCIATION Meeting Minutes
Virtually via Zoom
July 18, 2023

Present: Michael Schroeder, Bob Connell, Bryan Hoffman, Karen Feather, Kara Lubold, Kent Crawford, Joseph Connor, Jeanette Tropp, Margaret Hopkins

The meeting opened at 7:02 p.m.

1. Monitoring update – Kent Crawford

- Two students from LVC, both of whom have graduated, have completed a longitudinal temperature profile of the Quittie Creek – Sept, Oct 2022
 - 22 sites all up and down the creek from headwaters to mouth
 - Measured pH, temperature (primarily)
 - Goal of study: To determine where cooler water comes into the creek and where water temperatures heat up
 - Data indicate that an increase in temp occurs through the city of Lebanon because the creek is flowing through the Hazel Dike
 - If we want to remediate the temperatures in the creek, need to work on the Hazel Dike
 - Report still in draft form; will be available soon
 - NEXT STEPS: Kent would like to see the temperature survey repeated in July or August for comparison
 - Need 5 volunteers for the same 22 locations
 - Interns may be able to help
 - Will provide thermometers
 - Recording with GPS location and temperature
- Kent reported that he received data from the lab from the May 2023 water quality sampling
 - Comprehensive chemical analyses were completed
 - Nitrate, nitrogen – 9.97 mm in Beck Creek
 - At 10 mm, causative factor for blue baby syndrome
 - Kent needs help with management of these data to allow for analyses
 - Questions raised included:
 - What format?
 - Where stored?
 - Mike raised the possibility of storing the data with LebCo Planning Department
 - Bob has experience in this area and will work with Kent
 - NEXT STEPS: Kent will send the data to Mike for review; Mike will contact Leb Co Planning Dept; Kent and Bob will connect
- Velocity Meter Checks
 - We have 3 meters, they should be reading the same; we need to do it in slow water, to ensure reading readings are consistent
 - NEXT STEPS: Kent to organize dates and sent out emails for volunteers
- Water quality sampling needs to be repeated – need four volunteers and take two mornings

- NEXT STEPS: Kent to organize possible dates and send out emails for volunteers
 - Check in with Andy Link about volunteers
 - Long-term sonde deployment
 - Kent would like these deployed in the creek. They need to be secured and able to withstand high rainfall events.
 - Doc Fritchey Trout Unlimited will be contacted for possible help with this deployment.
 - Additional TO DOS:
 - Kara will pass on info about GIS programs for training and software
 - Need to investigate TechSoup for nonprofits
 - QWA is not a 501c3 non-profit
 - Leb Conservancy would need to be the umbrella organization
 - Investigation of grants to underwrite purchase of a field computer
2. President's report – Michael Schroeder
 - Katie Hollen with the Conservation District has asked QWA to participate in an education and outreach event 9-11 am, September 23. Mike will attend and provide information on QWA. He has created a handout describing QWA that will be available.
 - Update on summer interns: The two interns are doing great. They finished their assignment on Killinger Creek and are now re-evaluating previously identified areas on Snitz Creek. It was suggested that having them help with the temperature study and stream monitoring be explored.
 - Mike pointed out a recent article in the Bay Journal on lawsuits filed against Pennsylvania for its cleanup plans for the Chesapeake Bay. The article can be found at: https://www.bayjournal.com/news/policy/lawsuit-over-pennsylvanias-role-in-chesapeake-cleanup-comes-to-settlement/article_5b2f6080-2246-11ee-a55c-5b6e4a93677d.html
 3. Leb Co Stormwater Consortium Update Consortium – Bryan Hoffman
 - Bryan reported that work should be done by early September on the floodplain between the Hazel Dike and the 22nd Street bridge in North Cornwall Township. Trash in the area and the creek continues to be a problem.
 - Trying to figure out how to deal with trash
 - Chesapeake By Journal – settlement and PA
 4. In other business, Joseph Connor would appreciate knowing of any organizations that have scheduled fall tree plantings. Service organizations can provide volunteers as can LVC.

Next meeting: 7 pm, Tuesday, August 15, Annville Town Hall.

Meeting adjourned 8:03 pm

Respectfully submitted,

Margaret Hopkins, Secretary