

QUITTAPAHILLA WATERSHED ASSOCIATION
Meeting Minutes
Annville Town Hall
February 20, 2018

Present: Mike Schroeder, Karen Feather, Kent Crawford, Joseph Connor, Eoin Connor, Russ Collins, Sean Droms, Elliott Fackler, Alan Wood

The meeting began at 7:00 p.m.

1. The Minutes of the meeting of January 16 were approved by consensus.
2. Mike moved that Sean Droms be made a Board Member of the Association. The motion was seconded and approved unanimously.
3. Discussion was held on the Association's Internships for summer 2018. The announcement of the internships was circulated prior to the meeting and via social media and sent to several LVC biology professors. The announcement is appended to these minutes. Discussion was held on additional funding sources, since \$1,500 divided by two means only \$750 per intern, and only 75 hours for each (at \$10 per hour). Suggestions for the \$900 shortfall included solicitations of local businesses, including Pennsy Supply and Ace Hardware; Marcellus Shale grant funding was also discussed. No definitive conclusions were reached regarding funding and it was determined to continue the funding discussion at the next meeting.
4. Kent suggested that the Association establish a committee of three to review incoming internship applications. An Internship Application Review Committee was constituted, consisting of Kent, Sean, and Mike.
5. Mike announced that Annville Township will be holding an MS4 Program & Fee informational session at Annville-Cleona High School on Tues March 20 at 6:30 PM, and encouraged Association members to attend and voice their support for the stormwater management fee and program.
6. The announcement of the MS4 public meeting prompted a larger discussion about the Lebanon County Stormwater Consortium, consisting of six Lebanon County municipalities, including Annville Township. Mike indicated that he would be in touch with the Consortium in the effort to coordinate the efforts of the Association, the Consortium, Doc Fritchey Trout Unlimited, and other entities undertaking stream restoration work in the watershed.
7. Russ reported that he has been working with Don Umberger of South Annville Township regarding watershed issues along Bachman Run, including trees and fencing for riparian buffers. The conversations with Mr. Umberger continue.
8. It was suggested that the Association initiate dialogues with each of the municipalities not affiliated with the Consortium (including Cornwall Borough and South Annville Twp) regarding watershed issues.
9. Discussion was held on ways to map out the various projects being undertaken and contemplated in the watershed, in order to keep track of it all. Kent noted that GIS mapping would be optimal and that the Stroud Research Center has GIS capabilities. Kent indicated that he would contact the GIS office in Lebanon County Planning Dept. Elliott indicated that he would work with Kent to liaison with Leb. Co's GIS office. Mike noted that LVC has recently received a number of ArcGIS licenses from Esri, Inc., the world's leading GIS mapping company. Elliott indicated that free versions are available and that he would investigate.

10. Discussion was held on the prospect of holding a public meeting sometime in June, after the May 31 deadline for the final Watershed Implementation Plan (WIP) by Rocky Powell. The date suggested was June 19, and it was agreed that discussions about this prospective public meeting would continue at our next meeting.
11. Mike announced that he has reserved a space for the Association at this year's Historic Old Annville Day on Saturday, June 9.
12. Alan reported that his discussions with a landowner in South Annville Township along Quittie Creek regarding restoration work are on hold in consequence of the property owner's house burning down.
13. Russ provided an update on the Snitz Creek Project being undertaken at the initiative of Doc Fritchey Trout Unlimited. The Fish & Boat Commission contract is in hand; the permitting is completed; the project is slated to start around June 15 and take about one month; the budget is \$174,000, which includes \$115,00 from PA Fish & Boat; and Pennsy Supply is donating some \$40,000 worth of rocks and boulders for the work.
14. Discussion was held regarding whether the Association wants to register as a non-profit corporation. Consensus was reached that there would be no tangible benefit to formally registering and that the Association should remain without any formal legal existence.
15. Joseph thanked Mike for his presentation before the Lebanon Rotary Club in January, and thanked the Association on behalf of Doc Fritchey Trout Unlimited for its placement of a \$50 ad in DFTU's brochure for its Annual Banquet on March 24 from 5-9 PM.

The meeting adjourned at 8:07 PM.

Respectfully submitted,

Michael Schroeder, Secretary Pro Tem

Paid Internships

Summer 2018

Quittapahilla Watershed Association

The Quittapahilla Watershed Association is offering two paid internships for summer 2018. We seek two college students, who will be trained to work as a team, to undertake field work collecting environmental data in the Quittapahilla Creek watershed in Lebanon County, PA. Interns will conduct geomorphic assessments on streambanks and streambeds.



More Specifically. Two interns will receive classroom and field training on conducting geomorphic assessments. The assessments will include: 1) survey of stream channel cross-sections, longitudinal profiles, and particle size distribution of the streambed material; 2) stability assessments to identify, quantify, and document stream bank erosion; 3) photo documentation and mapping of stream conditions observed; 4) data entry and plotting of all information collected during the surveys and assessments. Data collected will include: 1) channel morphologic characteristics (e.g. width, depth, cross-section area, overall slope, D50 and Dmax of the stream bed material); and 2) stability characteristics (e.g., bank height, bank full height, bank angle, bank length, root depth, root density, surface protection, bank material and near bank stress) that will be used to determine bank erosion potential, bank erosion rates and sediment loading. Instruction will be provided on how to survey, collect and record the field data. **Each internship pays \$10 per hour, up to 75 hours (\$750 per intern), with a good possibility of additional funding and hours.** Student applicants from Lebanon Valley College will be given priority. LVC students will also be eligible for Immersive Experience credit.

Requirements. Suitable candidates will need to work in an outdoor setting, walk in fields and woods, wade in streams, and negotiate stream banks, fallen logs, and the muck and mire of stream sediments. Familiarity with computerized data entry and PowerPoint will be a plus. Interns will be required to have a valid driver's license and to provide their own transportation to and from the field work sites. Work must be undertaken between June 1 and August 15. Specific work hours, start and end dates, and daily schedules are flexible.

How to apply. Send your resume with a cover letter expressing your interest, with names of at least two references to: **Dr. J. Kent Crawford, 1115 Stonegate Road, Hummelstown, PA, 17036.** Applications must be received by April 1, 2018. Applicants will be notified of the QWA's decision by April 15.

More information. Contact Dr. Kent Crawford at k9kentc@gmail.com or 717.566.5851, or LVC History professor and QWA President Michael Schroeder, at schroede@lvc.edu.