

Clean Water Institute Projects and Interns of Summer 2013

2013 Projects:

- 4th year of Unassessed Waters Program with Fish and Boat Commission with continued focus on Lycoming and Pine Creek Watersheds and the addition of Antes Creek and White Deer Hole Creek watersheds.
 - 2010-2012 CWI completed 230 unassessed streams with the hope to complete 80+ streams this summer
- River monitoring for benthic macroinvertebrates, water chemistry, and periphyton algae on the West Branch of the Susquehanna River from Lock Haven to Sunbury. (**Chelsea Brewer**)
- 3rd year of monitoring the effects of recently applied Best Management Practices (BMPs) at four farms along a un-named trib. to White Deer Hole Creek. 2013 is the first full year following the start of the BMPs. (**Brian Gordon** and **Clayton Good**)
- The Marine Pilot study focuses on determining if microbes produced by Archaea Solutions, Inc. can degrade wastewater in a marine environment with the addition of a preservative in sequence batch reactors manufactured at Cromaglass. (**Emily Vebrosky**)
- Continued Hellbender monitoring in the West Branch of the Susquehanna River watershed. (**Dr. Peter Petokas**, **Sarah Fetherolf**, **Sarah Pedrick**, and **Alyssa Sechler**)
- Follow-up to 5th year post-monitoring of Riparian buffers and BMPs along 2 farm sites and 1 reference site on Wilson Creek , Tioga County. (**Jenna Baker**)
- Pre and Post Stream Restoration studies (PA Fish and Boat habitat structures) along Mill Creek, Wallis Run, Sheshequin Campground, and Roaring Branch. (**Laura Shelmire**)
- Assessing the quality of the West Branch of the Susquehanna River above and below sewage treatment plant discharge sites with water chemistry and macroinvertebrate studies. (**Lynette Dooley**)
- Rose Valley Lake monitoring and Mill Creek Watershed.
- Acadian program (one week workshop in Maine), sponsored by Dr. James Levitt of Harvard University to focus on multi-jurisdictional large scale conservation and stewardship. (**Miranda Giraldo**, **Cory Trego**, and **Brian Gordon**)
- Wetland Training Institute field study certification . (**Laura Shelmire**)
- 2013 Pulse of the Heartland Report providing updates of projects within SRHCES Community as well as background and circumstances of dams in PA . (**Miranda Giraldo** and **Chelsea Brewer**)
- Camp Victory summer help at the 250 acre facility designing and presenting educational programs and activities about different Pennsylvania Wildlife topics to the many groups of campers with special needs. (**Kourtney Mottern**)

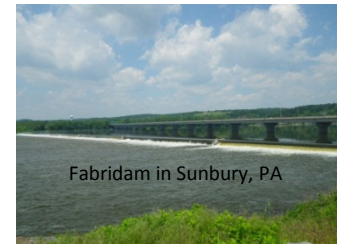
Dr. Mel Zimmerman- Director- Montoursville, PA
 Dr. Peter Petokas- Director- Tunkhannock, PA
 Chelsea Brewer- South Williamsport, PA
 Lynette Dooley- New Milford, PA
 Cory Trego- Pottstown, PA
 Laura Shelmire- Trout Run, PA
 Miranda Giraldo- Hudson, NH
 Clayton Good- Muncy, PA

This is the 13th year that Lycoming College Clean Water Institute has had funding to support summer Interns – This year funding has come from Degenstein Foundation, Pennsylvania Growing Greener Grant to Lycoming County (CWI a Partner) , U.S. Fish and Wildlife Foundation, Rose Valley Mill Creek Watershed Association, Tioga County TU, Tioga County Conservation District, Pine Creek Headwaters Protection , Pine Creek Preservation Association, Wetlands Training Institute and Archaea Solutions, Inc.

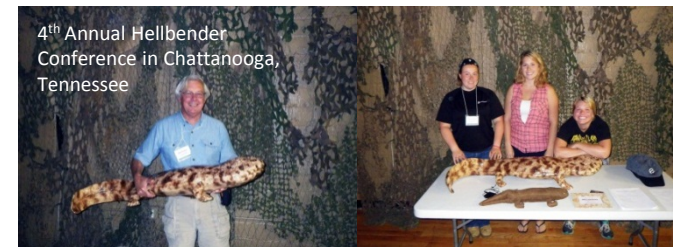
Jenna Baker- Newfield, NY
 Brian Gordon- Baltimore, MD
 Emily Vebrosky- Frackville, PA
 Sarah Fetherolf- Hamburg, PA
 Sarah Pedrick- Salem, NJ
 Alyssa Sechler- Turbotville, PA
 Kourtney Mottern- Danville, PA



Wetland Training, Williamsport, PA



Fabridam in Sunbury, PA



4th Annual Hellbender Conference in Chattanooga, Tennessee



Camp Victory in Millville, PA