

EPCAMR



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September 2012 Progress Report

Education & Outreach

- Conducted an AMD Tour with John Walsh and Alana Mauger-from the Philadelphia area who were up to shoot film footage for a documentary on AMD
- Meeting with Megan Valkenburg, Wilkes University Community Services Volunteer Coordinator to discuss ways to incorporate more volunteer opportunities for students with EPCAMR; Set up for the Volunteer Fair on September 18, 2012 to recruit volunteers; Came up with ideas to get an article into the local college newspapers, "Today @ Wilkes U. and The Beacon", providing reciprocal links on our websites, and plugging VolunteerMatch and GiveGab, where EPCAMR has many volunteer opportunities listed online
- EPCAMR Staff participated in and AMD/Outreach Earth Day Festival Program at Camp Kresge, White Haven with the entire Bear Creek Charter Elementary School consisting of **430** students and set up 3 stations for the students (Macro Bingo, Macro and Fish ID, Macro Mania)
- EPCAMR Staff attended the LRCA Roast to honor Bernie McGurl's 25 years of service with the Lackawanna River Corridor Association at the Scranton Cultural Center
- Continued to work with Widener University Environmental Law Clinic to answer follow-up questions that their graduate students had for EPCAMR on some of the background information related to SMRCA, AMD, Land Ownership, PA Good Samaritan Act, and Environmental Water Pollution Control Laws in PA

Technical Assistance

- EPCAMR Staff attended two field investigations of the Lewis (Gutten Mine Drift) Property in Cherry Township, Sullivan County; One with members of the Moshannon District Mining Office and the other with Bob Hedin,-Hedin Environmental on a Bond Forfeiture site that is in need of some rehabilitation and the construction of another pond to capture flushed metals from the discharge before entering Birch Creek, a trout stream, that feeds the Loyalsock Creek; EPCAMR is working on putting together a Growing Greener Grant to fix and repair the system

Project Coordination

- Performed the monthly **Lackawanna Valley Borehole Monitoring** for September 2012 with EPCAMR Staff as a part of our work for the Susquehanna River Basin Commission on Mine Pool Mapping for the Anthracite Region

- Meeting with Dale Freudenberger-Delaware & Lehigh National Heritage Corridor, Inc. and Coordinator for the Susquehanna Greenway Partnership to update him on EPCAMR regional activities and the recent sponsorship of the NCCC Team that will be coming in October to work on the Huber Breaker AML Miners Memorial Park Project and EPCAMR Projects

Project Coordination

- Picked up the 40 tree seedlings from Midway Gardens, Pittston in preparation for planting at the Huber AML Site and Miner's Memorial Park, Ashley as a part of the **EPCAMR/ACCT Waterboxx Research Project**; Watered the 40 seedlings and photo-inventoried them as well as provided ID names for all 40 seedlings prior to planting; Set up an Excel Chart to be able to monitor several field measurements that will be taking during the course of the year following planting for the research effort
- Field meeting with Dean Cruciani, PA Tectonics to investigate the Taylor Borehole, Taylor to get some measurements for a redesign and daylighting of the monitoring borehole for water elevations in the Scranton-Metro Mine Pool connected to the Old Forge AMD Borehole discharge as a part of the **Lackawanna Valley Borehole Monitoring**; Continued on down the Valley to the Loomis and the Loree Boreholes to take a look at them as a part of the **Wyoming Valley Borehole Monitoring** that are also in need of repair
- Continued working on writing and drafting the **Solomon Creek Coldwater Heritage Conservation Plan**; Worked on completing the Cultural Resources section, with a major portion of this section on the historic Ashley Planes
- Received notice from PEC NE Office that EPCAMR was not selected again, in our second submission to the Pocono CLWI for our Feasibility Greenway Study of the Lower Lackawanna River Corridor in partnership with the LRCA; EPCAMR and LRCA were very disappointed
- Worked with Mike to complete and develop a proposal for ARIPPA that would allow us to create a State-wide database in GIS of the reclamation work completed by ARIPPA member plants across PA that is not being accounted and that could be added to our RAMLIS CD Community Tool for watershed groups and our reclamation partners; This could be a future project led by EPCAMR for ARIPPA if the proposal is accepted

Conference Coordination

- EPCAMR Staff, along with Tom Clark-SRBC worked on and completed our Abstract and Paper that we co-presented at the **2012 National Association of Abandoned Mine Lands Program (NAAML P)** Conference in Des Moines, Iowa from the 23rd of September through the 27th; EPCAMR was invited because of our work on the 3D Modeling of the Mine Pools in the Anthracite Region (<http://www.2012naamlp.com/Pages/TechnicalSessions.aspx>)
- Rescheduled our PA AMR Conference Call to begin planning the 15th Anniversary Conference until October 2012

Volunteer Coordination

- Followed up with Naomi Ulrich and Nina Ustymchuk, who were interested in becoming a Grey Literature Searcher for EPCAMR; EPCAMR is looking for volunteers to help us by taking the time to seek out and provide us with a focused and targeted bibliography/ literature cited/ research reports/ abstracts/ and or studies that are related to the Anthracite Region's mining legacy in PA. Some reports will be geared on studies of the groundwater, mine drainage, geology, hydrogeology, rock structure, remediation efforts, effects of AMD on the environment (water quality, quality of life, bugs, fisheries, ecology); Right now our focus is on underground mine pools and mapping them for the entire Anthracite Coal Region. So an initial search would be on mine pools and it's potential for other sources of energy development or re-use of mine pool water for economic redevelopment purposes. If you are comfortable in doing searches like this and documenting them for us either with electronic links or writing them up in such a way that we could create a database of them

EPCAMR Program Administration

- Completed the EPCAMR 319 FY 2013-2014 Growing Greener Grant Application
- Completed the August EPCAMR 319 Board Report and Reimbursement and submitted it to PADEP
- Meeting with Bernie McGurl-EPCAMR President to sign checks and to discuss the Lackawanna River Qualified Hydrologic Unit Plan development
- Continue to fill Iron Oxide Pigment Orders and other items listed on our EPCAMR Online Store
- Advised Mel Talmadge, our Community Volunteer Services Coordinator to seek an updated copy of NCAC's Foundation List for EPCAMR to pursue future grant opportunities