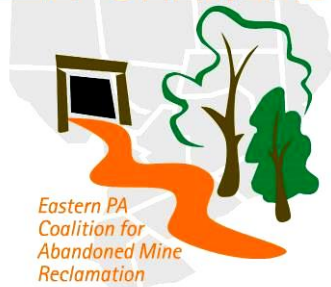


# EPCAMR



## Eastern PA Coalition for Abandoned Mine Reclamation

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## June 2014 Progress Report

### Highlights:

- EPCAMR Staff prepared for and coordinated the annual AMR Conference with the Planning Committee and an EPCAMR Quarterly Board Meeting.
- Continued processing 732 TIFF files, 364 georeferenced SID files and digitized features for 43 maps for the MSI Mine Map Processing Grant for April and May.
- Sampled flow on 2 **Wyoming Valley** discharges to monitor a possible mine pool connection.
- Aided partners in submitting 2 proposals to treat mine drainage in the **Lackawanna Valley**.
- Continued work toward a 3D Mine Pool Model in the **Wyoming Valley, Northern Coal Fields** and wrote the final report for the **Southern and Northern Anthracite Coal Fields**.
- Updated [www.epcamr.org](http://www.epcamr.org), [www.treatminewater.com](http://www.treatminewater.com), and administered the EPCAMR Facebook and Google Apps for Nonprofits accounts.

### Education and Outreach:

- Met with Earth Conservancy and PA DEP Bureau of Abandoned Mine Reclamation (BAMR) staff at the Askam Borehole location as Earth Conservancy was gathering information to troubleshoot issues with the Maelstrom Oxidizer, a part of their new treatment system. It was designed to take maximum flow of 7,000 gpm and lately the Askam has been flowing way above this maximum. Proposed the idea that the Askam and Solomon Creek borehole discharges are connected to the same mine pool. Also, asked if the Askam could have been affected by the new borehole installations in South Wilkes-Barre. Sampled Askam flow at 5,000 gpm and Solomon Creek Boreholes at 18,000 gpm. Historical USGS gauge data showed the average flow of Nanticoke Creek (and Askam Borehole) is approximately 3,000 gpm and that the max flow of 7,000 gpm on the new treatment system will suffice for a majority of the time. EPCAMR was asked to install stream gauges at these two areas to answer these questions.
- Abandoned Mine Reclamation (AMR) Conference scholarship deadline was June 9<sup>th</sup>. Waited till the end of the day, gathered names and sent the list to the pyritebad listserv for a vote on the upcoming conference call. All scholarship awardees were notified in time to get a hotel room and register for the conference before the deadlines.
- Created an invoice for Robindale Energy who agreed to be a sponsor of the conference. Quickly transferred advertisement information to WPCAMR for inclusion in the program.
- EPCAMR staff participated in three (3) AMR Conference Calls this month in preparation for the AMR Conference later this month. Made last minute changes to the program before printing and uploaded it to the website at [www.treatminewater.com](http://www.treatminewater.com). Added Robindale Energy to the sponsors page. Added a post to the website about the AMR Film Festival.
- Tracked and responded to a flurry of registrations as some sort of glitch showed up on the EPCAMR store. The glitch only happened with registrants using Internet Explorer 8 (a majority

- of state workers). EPCAMR staff fielded calls in the office regarding the issue and for the majority of them we manually entered the registrations and took payments over the phone.
- Tackled an issue with SPAM user accounts coming into the EPCAMR Store. Installed and deleted several plugins to stop spammers and spoofers. Checked on settings to send an email to new users to activate the account (also a way to control spammers), but SMTP settings were incorrect and new users were not getting activation emails. Researched and found a combination of settings and plugins that would work the best. Deleted approximately 30 obvious spam accounts.
  - Reviewed and updated evaluation sheets and networking / extra activities inserts for the conference folders.
  - EPCAMR staff prepared for and hosted the rescheduled 2<sup>nd</sup> Quarter 2014 EPCAMR Board Meeting. Attempted to use the Earth Conservancy conference phone with our [www.freeconferencecall.com](http://www.freeconferencecall.com) account, but no one joined. EPCAMR Board passed a new version of the bylaws which they had been editing at previous meetings.
  - Took online registrations until 5PM on June 23<sup>rd</sup> as mentioned on the website as the registration deadline for the AMR Conference. Cleaned up and sent the database to Anne Daymut at the Western Pennsylvania Coalition for Abandoned Mine Reclamation (WPCAMR) to create name tags.
  - Selected photos to print and frame for the Silent Auction as a part of the AMR Conference and in cooperation with the AMR Conference Committee. Gathered other auction items along with items and paperwork for the AMR Conference.
  - EPCAMR staff cohosted the AMR Conference on June 26<sup>th</sup> & 27<sup>th</sup> at the Ramada Inn and Conference Center in State College. Over 120 people attended the 2 day conference to participate in over 20 AMR themed presentations and one of 3 networking activities (golfing, Penn's Cave tour or AMR Film Festival). The joint conference also incorporated the ARIPPA Co Gen Independent Power Producer Industry, who have a common goal of waste coal cleanup. For more information and the actual PowerPoint presentations visit [www.treatminewater.com](http://www.treatminewater.com).

### **Technical Assistance:**

- Began a rough draft of a Southern Anthracite Coal Field Mine Pool Mapping Report to include the results for the Rausch Creek and Heckscherville Valleys mapping and modeling effort. Combined in the Northern Field information and continued to work on the report throughout the month to complete by June 30<sup>th</sup>. The report was approximately 95% done by the end of the month. [SRBC]
- Edited Bookkeeping Standard Operating Procedure (SOP) document to include how to deal with deposits using the undeposited funds account in QuickBooks.
- Picked up and dropped off maps at the PA DEP BAMR Wilkes-Barre Office after the PA DEP California DMO decided that EPCAMR staff should continue to scan the rest of the maps in the basement. [MSI]
- Completed Inventory Control spreadsheet for Invoice 8 (April and May), transferred 732 TIFF files, 364 georeferenced SID files and digitized features for 43 maps to the portable hard drive then sent the drive, invoice and inventory control spreadsheet to PA DEP California District Mining Office (DMO) for approval. [MSI]
- Aided WPCAMR staff in editing the AMR Conference Program using Adobe InDesign CS5. WPCAMR staff had version CS3 and was unable to view the updated files. Since EPCAMR has access to the program through Techsoup, we added another license to our account and considered WPCAMR as another site for the license and sent it to them.
- Georeferenced 11 maps from the Wilkes-Barre collection from shelves 97, 140 and 102. [MSI]
- Continued working on the Wyoming Valley 3D Mine Pool Model and calculated mine pool volumes at 611' and 615' to simulate storage volume above the normal average elevation of the Scranton Metropolitan Mine Pool, which is 610'. The numbers were given to Susquehanna

Mining Solutions (SMS) to incorporate into their proposal to the Susquehanna River Basin Commission (SRBC) Consumptive Use Mitigation money to build a system to treat and store mine water from the Old Forge Borehole. EPCAMR was written into the proposal to monitor the water levels and model the mine pool as well as guide the development of the technology on the site. [SRBC]

- Met with Dan Suma, Keystone Pure Water Tech, Inc., who was submitting a proposal to pull water from the mine pool, clean it up with technology borrowed from the landfill industry and use the water for geothermal cooling and heating of the old Scranton Lace Works building. Some of the water will also be used water needs (other than drinking water). Although drinking water can be achieved with the technology, the stigma of drinking mechanically purified polluted water is not always palatable to users. EPCAMR provided AMD Treat calculations done for last year's Commonwealth Financing Authority (CFA) Act 13 Old Forge Borehole proposal.

[ ] - Denotes funding source where applicable.