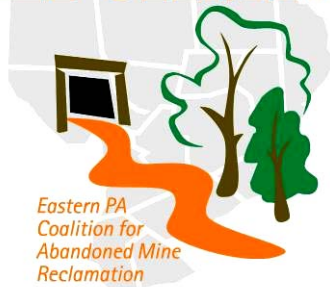


# EPCAMR



## Eastern PA Coalition for Abandoned Mine Reclamation

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## January 2012 Progress Report

### Highlights:

- EPCAMR staff participated in a presentation to local legislators at the PA Capitol Bldg, and an AMR Conference call. EPCAMR Staff applied for a grant to the tune of \$15 for an AMD Water Quality Monitoring TAP.
- EPCAMR staff sampled 14 boreholes in the Lackawanna Valley, 24 in the Wyoming Valley and measured flow on 2 discharges. Participated in 2 stream walks related to the Solomon Creek Watershed CHP. Updated 5 GIS databases and shared with EPCAMR partners.
- Continued to critique [www.datashed.org](http://www.datashed.org). Continued transferring old archived content from Nuke to WordPress format on [www.epcamr.org](http://www.epcamr.org). Administered the EPCAMR facebook page and Google Apps for Nonprofits account.

### Education and Outreach:

- Created a Quarterly Board Meetings Page since the page from the old site no longer accessible.
- Met with EPCAMR Board Member, Tim Ference, to sign checks and talk about the Friends of the Nescopeck and Jeddo Nescopeck Partnership goals to obtain land near the Jeddo Tunnel as an educational center.
- Revised the Catawissa Creek Rivers Conservation Plan Minigrant paperwork and sent to the Pennsylvania Environmental Council (PEC) Northeast Office [PEC].
- Completed an application to the Cora Brooks Foundation in which EPCAMR asked for \$15,000 to create a Water Quality Monitoring and Technical Assistance Program (WQM TAP) with the addition of new monitoring equipment, training individuals in the proper AMD monitoring techniques and providing technical support to the Anthracite Remediation Strategy [SRBC].
- Update WordPress Content Management System (CMS) website building program on the [www.epcamr.org](http://www.epcamr.org) website and online store.
- Created EPCAMR Program Manager monthly report for the previous month, gathered other staff reports, posted them to [www.epcamr.org](http://www.epcamr.org) and sent to PA Department of Environmental Protection (DEP) 319 Nonpoint source (NPS) program staff. Aided executive director in preparing the reimbursement and sent to 319 program staff.
- EPCAMR staff brainstormed with Tom Clark, Susquehanna River Basin Commission (SRBC), about our Anthracite Strategy Work and upcoming presentation to local legislators [SRBC].
- Purchased Dragon Naturally Speaking 11 for EPCAMR Executive Director. This dictation software could really save time typing up reports (being used right now). Also purchased QuickBooks 2011 Nonprofit Edition from [www.techsoup.org](http://www.techsoup.org).
- Worked with EPCAMR Executive Director to send a reimbursement to the PA DEP 319 program.
- EPCAMR staff and SRBC Staff presented information related to the Anthracite Strategy to about half a dozen legislators and legislative aides at the Capital Building in Harrisburg [SRBC].

- Received a quote from Laura Brochard, Gov Connection, to replace the EPCAMR server. The quote was related to an IBM server, which is not needed. Researched comparable Dell computers for a price comparison to replace the desktop computer.
- Sent out a reminder for the upcoming EPCAMR board meeting and updated the board meeting page on the [www.epcamr.org](http://www.epcamr.org) website. Updated the EPCAMR board list in Excel based on newly received memberships.
- Created an update of the EPCAMR 2010 year in review to cover EPCAMR activities throughout the federal fiscal year, October 2010 to September 2011, and sent these notes to Donna Carnahan of the PA DEP 319 program. Information was organized related to goals in the Non-Point Source (NPS) Program report.
- Respondent to a Virginia Tech student who was doing a study related to illegal trash dumps and Bucks County mines. Posted this e-mail as an article on the [www.epcamr.org](http://www.epcamr.org) website.
- EPCAMR staff sent comments to a Marywood University design student and her professor about iron oxide packaging. Concerned about practicality, we made suggestions that would make the products look good and easy to label or tag in the process. Cleaned the iron oxide processing station and lay down a new wax paper surface to help that area stay a little cleaner.
- EPCAMR staff participated in an AMR Conference call in preparation for the 2012 AMR conference that WPCAMR is taking the lead on this year at the Ramada Inn in State College. Gathered ideas for creating a website at [2012.treatminewater.com](http://2012.treatminewater.com). Installed WordPress CMS on WPCAMR's webhost, 1and1.com.
- Created a watershed map for the Catawissa Creek Restoration Association (CCRA) brochure and website. Created three to choose from: one with a green background and county names, one with the clear background and one with a green background that was clipped to the watershed boundaries.

### **Technical Assistance:**

- Provided Brad Schultz, Skelly and Loy Inc., with infiltration points, barrier pillars and mine water flow direction GIS data layers digitized from Ash and Operation Scarlift Maps in preparation of a Catawissa Creek Qualified Hydrologic Unit Plan. Also sent a copy of RAMLIS 10 GIS Tool [PEC].
- Added 2 abandoned mine land (AML) reclamation projects to [www.datashed.org](http://www.datashed.org): one reduces flow to the Oneida #3 Abandoned Mine Discharge (AMD) and the other treats a former strip pit AMD overflow [SRI].
- Created a spreadsheet to calculate the new EPCAMR Staff Billable Rates for 2012.
- Worked with EPCAMR Intern, Justyna, to begin tracing faults and coal veins on cross sections of mines from the Southern Anthracite Coal Field with R2V program, starting with the southwestern most tip (I-529). Created a base map file for earthVision (EV), to line up these cross-sections, from the original base map [SRBC].
- Created a letter sized map for the Earth Conservancy (EC) that showed all the watersheds that their lands cover [EC].
- EPCAMR staff met with our payroll company, R. J. Zagrapan, to sort out figures for 2012 pay rates and 2011 taxes.
- EPCAMR staff completed a quarterly sampling of the Espy Run AMD Treatment System [EC].
- EPCAMR staff conducted a stream walk and sampling of the Spring Run Tributary to Solomon Creek from the West Liberty Street Bridge to the Blackman Street Bridge. The stream was dry, but was running the next day after an overnight rainstorm [PA Trout].
- Completed a draft summary of the Hydrogeological Investigation Report of the Jeddo Highland #5 Mine for Pagnotti Enterprises and contacted Kent Fuller to setup a meeting to show the results [Pagnotti].

- EPCAMR staff traveled around the Lackawanna Valley to conduct water level monitoring of 14 boreholes related to the Scranton Metropolitan Mine Pool. Also sampled the Duryea AMD Outflow with the Swoffer Flow Meter for flow of 13.46 cubic feet per second (cfs) [LRCA].
- Uploaded Espy Run AMD Treatment System sampling data to [www.datashed.org](http://www.datashed.org) and attempted to create an Operation and Maintenance (O&M) form on the site, with limited success. The site is really sensitive to characters used. Only the standard numbers and letters are really safe. No special characters should be used, especially dash, greater than and less than symbols. Creating O&M forms on the site is not for the normal user as hoped. Attempted to troubleshoot the site and make suggestions to Stream Restoration Inc. on how to make the site more user friendly [SRI].
- Worked with EPCAMR intern, Justyna, to begin processing mine map cross-section files using custom scripts that work with earthVision to produce structural contours of the lowest coal seam in the Jermyn Basin of the Northern Anthracite Coal Field. Created an update of the scripting procedure [SRBC].
- Created and sent an invoice of time spent on the Anthracite Strategy Initiative in the third quarter of 2011 [SRBC].
- Combined and sent Invoice 1 and a narrative to the Lackawanna River Corridor Association (LRCA) related to work completed from July 2010 to June 2011 [LRCA].
- EPCAMR Staff traveled around the Wyoming Valley to monitor water levels in 24 boreholes in the Wyoming Valley. Used the Swoffer Flow Probe on the Glen Lyon Discharge and took pipe full measurements on the Askam Borehole Discharges to calculate the amount of mine water flowing from the discharges [SRBC].
- Projected the PA DEP smallsheds shape file to Pennsylvania State Plane for Dan McFarlane at Del Val Soils. He downloaded the shape file from PASDA and noticed that EPCAMR had made updates, however the shapefile was in a strange albers equal area projection. Luckily I already have that projection defined it was easily able to complete the task easily in ArcGIS.
- Replies to Ted Weaver about the Bernice Coal Mine Basin in the Loyalsock Creek Watershed in Sullivan County. He was interested in obtaining mind maps for the area. I did not know of any but found a 2<sup>nd</sup> Geologic Survey Map that showed mining before 1900 and a Water Resources Report (WRR #65) for the West Branch of the Susquehanna River with some good geologic information. Also there was an Operation Scarlift Report completed for the Loyalsock Creek Watershed with some geologic cross sections that might be used for 3D modeling of the mine.
- Started a domain name transfer for [www.HuberBreaker.org](http://www.HuberBreaker.org). The Huber Breaker Preservation Society (HBPS) website domain name is currently held by Jumpline.com and they pay a yearly fee of \$35. EPCAMR is able to get a better fee of approximately \$15 per year from GoDaddy.com, however they have been an automatic payment cycle which is difficult to break.
- Worked with at EPCAMR Interns, Justyna and Ryan, to add borehole data that had been collected recently in the Lackawanna and Wyoming Valleys to an existing Excel sheet.
- Instructed EPCAMR Interns, Dan and Zac, to complete a streamwalk of a Solomon Creek tributary above Route 81 in the vicinity of Allen Industries.

[ ] - Denotes funding source where applicable.