

# EPCAMR



## Eastern PA Coalition for Abandoned Mine Reclamation Program November 2007 Progress Report

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### **Highlights:**

- Added to 5 EPCAMR GIS Layers related to the Mine Pool Mapping Project, Printed 2 maps and sent out 4 RAMLIS CDs
- Aided in the preparation of 1 grant and 2 yearly grant update reports
- Presented at 2 meetings and attended a 2008 AMR Conference Call
- Updated [www.orangewaternetwork.org](http://www.orangewaternetwork.org)

### **Education and Outreach:**

- E-mailed EPCAMR Partners to let them know of an opportunity to use Spent Mushroom Compost as a soil amendment to assist in the revegetation of the former AML land or as a component to AMD Treatment Systems. Also let them know that Gene Richards, American Mushroom Institute was interested in touring some of these sites of vice versa having EPCAMR Partners tour their facilities.
- Met with ARIPPA Representatives Jeff McNelly and Jack Brubaker to demonstrate the RAMLIS GIS Tool and show the work that was done with former ARIPPA Executive Director on the "Manure and Minelands" GIS Tool.
- Sat in and produced notes for a 2008 AMR Conference Call where the conference planning committee began planning for next year's conference. The committee landed on a venue of August 12, 13 & 14 at the Ramada Conference Center in State College, PA. Potential themes and topics were discussed including an AMR Focus for the first ½ and an Industrial History Focus for the second ½ of the conference.

### **Technical Assistance:**

- Posted AMR Program Staff reports to [www.orangewaternetwork.org](http://www.orangewaternetwork.org) and sent them to 319 Program.
- Produced a description of the AML Problem Areas, Avondale Central and West Ashley, for the Anthracite Living History Group and Luzerne County Attorney, John Ackeiwecz respectively.
- Aided Ann Lieu, Johns Hopkins grad student and Geisinger Environmental Health Institute research intern, with understanding the difference between mine shaft points and mine shaft polygons in the AMLIS Database. Other features that will show up in both points and polygons are AMD discharges and discharge areas, open pits (both dry and water filled) and abandoned equipment.
- Finished digitizing Southern Anthracite Region Mine Pools, Mine Water Flow Directions, Barrier Pillars, some Infiltration Points and Mine Tunnel Outlets from the Bureau of Mines Bulletin 526 obtained from the Pottsville DMO. Also added information from Bureau of Mines Technical

Paper 727 which estimates volumes (storage capacity in gallons), shows pumping status (or gravity flow) and suggests a discharge location.

- Researched the Exelon Wadesville Pumping Project and updated Mine Pool GIS Files to reflect the current situation as reflected by the 2006 report held by the Delaware River Basin Commission.
- Aided Regional Coordinator in completing a “LEAP” Grant Proposal to the Environmental Support Center in Washington D.C. to assist the EPCAMR organization with updating their strategic plan. The grant is for approximately \$10,000 in facilitation services.
- Created a MS Access database to aide EPCAMR Researcher, Ian Palmer, in his task to gather paper copies of borehole and discharge information related to the Mine Pool Mapping Grant and transfer it into an electronic format easily converted into GIS.
- EPCAMR Program Staff conducted a meeting with Ian Palmer and Dan Koury at the Pottsville DMO to discuss how Ian will proceed with reviews of the Surface Mining Permit Files, Maps, and other reference documentation at the Pottsville DMO to build on the existing data sets for the GIS Mine Pool Mapping Project.
- Aided Regional Coordinator in completing a yearly update report to the PA DEP Growing Greener Grants Center and the Pottsville DMO on the GIS Mine Pool Mapping Project. Created a narrative for the Mine Pool Mapping Grant showing progress made so far and explaining the separate GIS Datasets and sources used. Also aided in estimating time and resources expended.
- EPCAMR Program Staff Coordinated a Partners Technical Review Committee Meeting on the GIS Mine Pool Mapping Project (See Robert’s report for details). Presented the newly digitized GIS Datasets, data sources (metadata) and asked for ways the information could be improved. Attendees had much to contribute and plan to gather additional resources and references for future research.
- Aided Regional Coordinator in completing a yearly update report to the PA DEP Growing Greener Grants Center on the Hicks creek Stream Channel Restoration Project. Scanned the Audenried Wetlands Delineation Report to PDF and began to create a similar report on the Hicks Creek Stream Channel Restoration Project. ^
- Began digitizing Western Middle Anthracite Region Mine Pools and other layers using from the Bureau of Mines Bulletin 521, Technical Paper 727 and comparing to Scarlift Reports in Related Watersheds.
- Received requests of 4 more individuals that were interested in obtaining a copy of the RAMLIS GIS Tool and sent them CDs.\*

\* Represents time billed to the Western PA Watershed Protection Program.

\*\* Represents time billed to the System Appalachian Clean Streams Initiative Grant related to the Audenried Treatment System.

^ Represents time billed to the Hicks Creek Stream Restoration Growing Greener Grant.