



## Eastern PA Coalition for Abandoned Mine Reclamation

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### September 2018 Progress Report

#### Highlights:

- Managed EPCAMR staff as they scanned 48 mine maps into TIFF images, georeferenced 91 & digitized mosaic maps for the **PA DEP** MSI MMG program. QA/QC checked work.
- EPCAMR staff participated in an AMR Conference Call, and a project update call with **SRBC**
- EPCAMR staff sampled the Askam Treatment System on **Nanticoke Creek** for **EC**, sampled minepool monitoring stations near **Mocanaqua** for the **SRBC** and 2 AMD treatment systems along the **Loyalsock Creek** for the **Sullivan Conservation District**.
- Updated [www.epcamr.org](http://www.epcamr.org) and [www.NAAML2019.com](http://www.NAAML2019.com); Added new items to the online store platform; Administered the EPCAMR Facebook and G Suite for Nonprofit accounts (for NAAML2019 as well); Maintained GobbaDaPile in-house domain server and workstations.

#### Education, Outreach and Admin.:

- Reconciled the AMR Conference registration, applied the transaction fees to determine the amount of money that was generated and how much needed to be pulled from the PayPal account to a restricted account for the AMR Conference.
- EPCAMR staff participated in a conference call with Susquehanna River Basin Commission (SRBC) and American Energy Solutions (AES) staff to discuss progress in the Mocanaqua Tunnel Minepool Project.
- Extracted reclamation projects in Schuylkill County from the PA DEP Bureau of Abandoned Mine Reclamation (BAMR) reports to the Mining Reclamation Advisory Board (MRAB) and sent the information to Paul Lohin with the Schuylkill Headwaters Association (SHA) as per request.
- EPCAMR staff participated in an AMR Conference Committee call.

#### Technical Assistance:

- Added only Baltimore, Ross and Red Ash veins (and removed all other veins and splits) into the earthVision 3D model builder. Calculated an initial volume of 4.1 billion gallons, but the area includes Stackhouse in the west to part of the Glen Lyon mine in the east. No bottom elevations were set. The top elevation was set to 800' which is the elevation of the Priscilla Lee Basin (Pool 3 in the S.H. Ash report). Discovered some issues with the way that the basins were drawn and decided to begin separating the elevation points in the point cloud that represent the "Hawk Basin" in the eastern side of the model from the other basin. The Hawk Basin is isolated much higher than the Priscilla Lee, East and West basins due to geologic faulting and will be modeled better if it was separate from the rest of the model. [SRBC]
- Sampled the Askam Borehole discharge, the treatment system and downstream on Nanticoke Creek to determine the effectiveness of recent changes to the treatment system. [EC]
- Worked on the 56" scanner which had been acting up while I was on vacation. Found new drivers to install and made sure the old drivers were uninstalled properly. Seemed to be working better. Scanned several railroad maps to make sure it was fixed. [LuzRR]

[ ] - Denotes funding source where applicable. Report is shorter because of a 2-week vacation.