



## Eastern PA Coalition for Abandoned Mine Reclamation

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### March 2020 Progress Report

#### Highlights:

- Managed EPCAMR staff as they scanned 35 mine maps into TIFF images, 22 georeferenced & digitized mosaic maps for the **PA DEP MSI MMG** program. QA/QC checked work.
- EPCAMR staff participated in a weekly **PA AML Campaign** call, a **PA AMR Conference** call, traveled to Washington DC to meet with legislative aides with **CCWC**, and remotely mentored **Wyoming Seminary** students in a **DOE INL** competition.
- Updated **RAMLIS v.20** on AGOL and quickly prepared for all staff to work from home due to COVID 19 Pandemic restrictions.
- Maintained **TIC** tank for EPCAMR. Live streamed tank on [www.dailymotion.com/epcamr](http://www.dailymotion.com/epcamr)
- Updated [www.treatminewater.com](http://www.treatminewater.com) and [www.epcamr.org](http://www.epcamr.org); added to EPCAMR's **AGOL** account; administered the EPCAMR Facebook and G Suite for Nonprofit accounts (for NAAMLPA as well); maintained GobbaDaPile in-house domain server and workstation.

#### Education, Outreach and Admin.:

- Mentored Wyoming Seminary Upper School Maslow STEM School Students as they developed geothermal projects for each of the Wyoming Seminary campuses for a competition sponsored by the Department of Energy (DOE) and Idaho National Laboratory. Provided students with maps. Helped them read the maps with a symbology chart EPCAMR developed for the Mine Subsidence Insurance (MSI) Mine Mapping Grant (MMG) program and delineate the mine pools under each school. We wanted to take students to the boreholes to get current water elevations but their travel was restricted with the developing COVID19 recommendations. Decided to give them data that our Office of Surface Mining Reclamation and Enforcement (OSMRE) Volunteers in Service to America (VISTA) took a few years ago.
- Sent the Loyalsock Creek Treatment System sampling study to Gloria Norcross, Sullivan County Conservation District Watershed Specialist.
- Updated the Reclaimed Abandoned Mine Land Inventory (RAMLIS) tool on [EPCAMR's Map Gallery](#) on ArcGIS Online (AGOL). Embedded this map in the [RAMLIS Tool Development page](#) on [www.epcamr.org](http://www.epcamr.org). This will hopefully be the way to deliver the RAMLIS tool online for 2020. EPCAMR will still produce a CD version of the RAMLIS tool as well for those who need the actual data and better database connections.
- EPCAMR management staff traveled to Washington DC to meet with several legislative aides with the Choose Clean Water Coalition. Followed up to give legislative aides educational information about AML issues in Pennsylvania.
- EPCAMR staff participated in a PA AMR Conference Call to plan the conference upcoming in June. However, with talk of the COVID19 virus now in Pennsylvania, we halted online registration on [www.treatminewater.com](http://www.treatminewater.com) and the EPCAMR Online Store until more is known about large group meetings. Committee recommended that we call the Ramada Inn and Conference Center to find out what they recommend. Found out we could post pone the

conference until October with no penalty. Gathered available dates to report back to the AMR Conference Committee.

- Ordered several supplies with Cheryl Nolan, Lackawanna County Conservation District (LCCD) Watershed Specialist. Worked through a few roadblocks with items not being found from old hyperlinks in our Google spreadsheet. The parts are being shipped to EPCAMR and paid for by LCCD.
- Checked on completed mosaics that were quality checked by DEP and returned to us for digitizing. Created a list and posted it to the EPCAMR Idea Board so we could plan future work for the MMG. [MSI]
- Updated the ARIPPA AML Reclamation Award Form and Instructions with Anne Daymut from the Western PA Coalition for Abandoned Mine Reclamation (WPCAMR). Posted the PDF forms to our [ARIPPA AML Reclamation Award Page](#) on [www.epcamr.org](http://www.epcamr.org).
- Updated the Presentations Page and Mayfly Awards Page on [www.treatminewater.com](http://www.treatminewater.com) with updated information from Anne Daymut.
- EPCAMR staff brainstormed an idea for AGOL called Litter Base. The interactive map would allow community members to report illegal dump sites in their neighborhood. Frank was able to show us how to create collection forms in AGOL.
- Received word from Earth Conservancy on Friday, March 13<sup>th</sup> that they were shutting down the office on Tuesday, March 17<sup>th</sup>. Dropped everything and quickly went to Best Buy to purchase four 4 and 5 TB external hard drives to copy over datafiles from our server.
- Began cancelling several events including the Tree Planting in Centralia, the Nescopeck State Park Community Connections Tour, the Lackawanna State Park Community Connections Tour and many more.
- Office closed. Filled out online tax-exempt form for Best Buy and recoup the taxes on the sale last week.
- Update the AMR Conference dates to October on website, EPCAMR online store, and social media.
- Wrote the EPCAMR Program Manager progress report for October and posted it on [www.epcamr.org](http://www.epcamr.org). Prepared reimbursement paperwork and sent to PA DEP 319 program.
- Update WordPress and plugins on several websites managed by EPCAMR including several years of [www.treatminewater.com](http://www.treatminewater.com) websites and watershed group websites we host.
- Collected transducer data from Mocanaqua transducers as requested by the Susquehanna River Basin Commission (SRBC).
- Wrote the EPCAMR Program Manager progress report for November and posted it on [www.epcamr.org](http://www.epcamr.org). Started reimbursement paperwork.

### **Technical Assistance:**

- Edited Lower Red Ash and Lower Ross vein mosaics in the Shickshinny Quadrangle. Created Surface, Baltimore and Upper Red Ash vein mosaics in the Shickshinny Quadrangle. [MSI]
- Transferred files from network drives to external drives for staff to take and continue to work from home on the MSI program.
- Attempted to gain remote access to our router and network drives. It was a mad dash to figure out how our staff could work from home. We did not know when we could potentially return to the office.
- Made arrangements with Earth Conservancy to upgrade our network hardware while the office was closed. At the time we were advised that only one person could be in the office at a time. Remove Cat 5 cables and install Cat 6 network cables to speed up network by 10x. Still a little more work to phase out the old wiring & equipment.
- Finished all five Shickshinny Quadrangle vein mosaics (Surface, Baltimore, Ross Vein, Upper Red Ash and Lower Red Ash) and emailed to Mara Evans at PA DEP California District Mining Office (DMO). Started working on Ross Vein Mosaics in the Nanticoke Quadrangle. [MSI]
- Attempted to connect remotely to network drives, but something seemed to be blocking it.
- Figured out settings on router at office to allow access to M Drive remotely. Made accounts for and notified each of our staff members to access their files on the M Drive.

- Changed IPv4 and IPv6 network settings to remove our Gobba Da Pile domain server (ip address and mac address in the other respectively) as the preferred DNS server which improved internet connectivity at home. Robert was having the same issue with internet speeds at his house because of the way our computers are configured to connect to our domain at work.

[ ] - Denotes funding source where applicable.