



Eastern PA Coalition for Abandoned Mine Reclamation

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October 2025 Progress Report

Highlights:

- EPCAMR staff georeferenced, mosaicked & digitized mine maps for the **DEP MSI MMG** program. Continued QA/QC of **HU's** Western Middle Anthracite Mosaic work.
- EPCAMR Management staff participated in weekly **PA AML Campaign** calls, a monthly PKN-OAK-REP call with **SCD**, **PA AMR Conference Committee** calls and co-hosted the AMR Conference at Toftrees Resort near State College.
- Sampled 3 AMD TS, upstream, downstream on Loyalsock Creek Watershed for **LCWA & SCD**, Askam AMD Treatment System, upstream & downstream on Nanticoke Cr. for **EC**, & took flow at 3 AMD discharges in Wyoming Valley with **Columbia U**.
- Updated www.TreatMineWater.com; www.EPCAMR.org; & www.AnthraciteHistory.org; administered GobbaDaPile local domain, G Suite for Nonprofits, and social media sites.

Education, Outreach and Admin.:

- EPCAMR Management Staff participated in an AMR Conference call. Calls began happening weekly as the conference was to happen in a few weeks. Updated registration with 7 new attendees and refunded 4 more state workers who were unable to attend due to the state budget impasse. Met with Karen Hazleton, CPA to introduce her to our books and get her on board to do our single audit. Provided access to our QuickBooks account. Touched base with our bookkeeper to understand the difference between auditing firm accounts and user accounts.
- Gave final registration numbers to Toftrees staff, venue for the AMR Conference: 160 total for lunches, 80% for Wednesday Dinner, and 40 boxed lunches for the tour on Tuesday. Also passed along dietary restrictions.
- Started printing the exhibit table cards and name tags for the AMR Conference. Gave them to Maria and Dennis to cut and stuff in holders.
- EPCAMR Management staff participated in an AMR Conference call and followed up on tasks needed to be completed before the Conference the following week. Dealt with last-minute registration requests and follow up with the venue. Started to print posters and sponsor posters on our HP DesignJet T790 plotter, but kept getting errors. The plotter would not boot up past 94%. This happened in the past, but this time I researched the reason why. Discovered that at least 1 print-head was malfunctioning. Attempted to re-seat the cartridge, but it wanted a new one. Looked up the price on Amazon, but they could not be delivered until after the conference. Ordered them anyway to fix at a later time. Hauled the old HP DesignJet 800 plotter over to the office to attempt printing with it. It could no longer be found on the network. Tried some troubleshooting steps, but no luck. Perhaps it is too old or has sat for too long.
- Ran to Staples for more supplies for the AMR Conference. Printed the program and sponsor posters on Earth Conservancy's plotter. Secured them to the foam board.

- Finished printing, packed vehicles, and headed to Toftrees Golf Resort near State College. Arrived at about 4PM and proceeded to set up at AV the venue. Volunteers stuffed folders with the printed agenda and surveys.
- Ran for 2 cases of water and breakfast sandwiches at Sheetz at about 6:30AM. Checked tour attendees off as they arrived. Made sure our boxed lunches were correct and asked staff to pack them under the bus. EPCAMR and WPCAMR staff led the bus tour to Junior Coal Company Tipple, Rushton Active Treatment Plant, had lunch at the Cold Stream park and proceeded to visit 3-4 passive treatment systems to Cold Stream in the Moshannon Creek Watershed. Returned to the venue at about 4PM. Went back after dinner to finish setting up the AV and worked on a few issues regarding the sound and wireless connections between the laptops in each room till about midnight.
- First day of presentations at the 2025 PA AMR Conference. Opened the registration desk at 7AM, then when staff arrived, I proceeded to finish the setup of AV in the 3 rooms and work with Anne to load presentations. Clipped wireless lapel microphones to presenters and recorded presentations in the Maple 1 Ballroom. Worked with venue staff to coordinate pulling the wall to separate rooms for the concurrent sessions, open for lunch, close again after lunch, and then open again for the afternoon plenary. Ran AV for the Mayfly Award at 6PM and thought I was done for the night. Enjoyed watching Cornhole and needed to help venue staff by ushering folks off the outdoor patio at 11:30PM.
- Second day of presentations at the 2025 PA AMR Conference. Opened registration table at 7:30AM. Much of the same as the previous day. When the conference was over, we tore down the exhibit and AV setups, packed the vehicles, and traveled home. Got back at 7PM and took an additional 1/2 hour to unpack vehicles.
- Took the Friday after the Conference off since we worked on Columbus Day.
- Organized and put away AMR Conference materials. Reflected on things done well and things to improve in 2026. Plan to make a timeline to follow for next year and submit to the conference committee for comments. Edited and uploaded 10 PA AMR Conference video presentations to EPCAMR's YouTube Channel (unlisted, but in a playlist).
- Setup Morgan's computer for Maria on the server and copied several of her files from her old Windows 10 laptop to the new Windows 11 laptop. The old laptop will go back to the scanning desk.
- Looked into the 2019 AMR Conference website. It was taken as a voter fraud website? That was the year we partnered with NAAMLPL and they only paid for 3 years for the domain naamlp2019.com. Disconnected this domain from the webhost and waited to recover the website from archive.org. Propagation of the record change can take 24-48 hours. Recorded tasks from the last few weeks in Google Keep. Left at 7PM (in at 9AM).
- Attempted to install Earthvision on Maria's laptop, but couldn't get past an error with Microsoft .net framework. Researched the error and will try again when we need to continue processing mine map cross sections for Bear Creek.
- Rescued the 2019 Joint AMR / NASLR / NAAMLPL Conference website to <https://2019.treatminewater.com/>. Disconnected it from the compromised domain and updated links/images to the correct server. Finished uploading recorded presentation videos from tracks 1&3 of the PA AMR Conference last week to EPCAMR's YouTube and embedded them on www.treatmineater.com Presentations Page.
- Updated the 2025 AMR Conference Program Page to reflect actual presentations that were given last week and pulled out speakers that canceled on us (some the night before without a backup speaker). Created a list of attendees who agreed to have their information shared and sent out an email to them with the attached attendee list. Updated the committee via email.
- Created a "Quarterly Tasks for EPCAMR Board Meetings" to help us remember certain periodic tasks that need to be completed above and beyond any new business that may come along quarterly. Things like sending out membership renewals, electing officers, and passing an annual budget are included.
- Researched specifications for Adobe Photoshop and Premiere Elements 2026 software. It seems Windows 11 and over 10GB of hard drive space is needed just to install the programs. Passed this info on to Frank. He has a Windows 11 computer and enough space, but my

computer is lacking. Discovered that 2020 versions of the programs expired in 2024, while 2022 versions will expire in 2026, and 2026 versions will expire 3 years from activation (so 10/22/28). So we still have a 2022 license. Attempted to install 2020 on my computer, but the license would not activate (beyond end of life for the product). Previous licenses (we have Premiere 2014 and CS5 from 2010) will not install on new computers, but if already installed on computers, they should function indefinitely. Adobe has non-profit rates through TechSoup and GoodStack, but the discounts are very small for most products. The requirement of new computers for the new software is tough to keep up with. Its licensing structure is very difficult to work with. Always keeping an eye out for alternative products like PDF Gear (similar to Adobe Acrobat Pro, but free).

- Embedded AMR Conference sessions recorded and uploaded at WPCAMR's YouTube. Missing 1 from WPCAMR and waiting for Frank to splice 1 and upload to EPCAMR's YouTube. Our collective recordings are not perfect, but we are getting better as we learn methods to record the sound better.
- Came into work and was notified at 11AM that a water main broke in front of the office and the water was going to be off for at least 6 hours. Finished up accessing PHUMMIS and took a state-mandated driver safety test to keep the COWPA account. Worked from home looking at the cost of ABBYY Fine Reader, as an alternative to Adobe Acrobat for Frank. The program with a non-profit discount is still \$165 for the year. The program handles batch processing of PDF documents, but so does PDFgear (for free). Processed data for Shamokin Creek Restoration Alliance (SCRA) for the Big Mountain Discharge as compared to upstream and downstream confluence with Buck Run. The question to answer was if Buck Run lost or gained flow after the Big Mountain Discharge? Data shows that 2/3 of the time the difference between upstream and downstream of Buck Run was more water than coming out of Big Mountain Discharge. So it seems the stream gains water, and potentially from another AMD discharge near this confluence and field work is needed in the area to investigate.
- Participated in a PKN-OAK-REP call to discuss drilling locations. Downloaded the DCNR_Bedrock Elevation Layer to aide in determining the depth of drill casing would be needed for the new boreholes, but could not initially figure out how to use it. Asked Google AI, and planned to follow steps at a later time. [SCD]
- Determined the issue with the internet on Maria's computer was a DNS error. The server was not on, and the computer was looking for the server to resolve DNS. A power surge or brownout yesterday shut down the server even though it was on battery backup. The network drives were fine on battery backup, however. Restarted the server and connected backup drive. Changed the IPV4 settings on the scanning laptop and Maria's laptop so they would rely on the router to resolve DNS, and they picked up the internet again.

Technical Assistance:

- Finishing up the Western Middle Surface Mosaic by adding NMMR maps in North Franklin, Burnside, and Big Mountain collieries. Also fixed the error where the maps show up blue. Uploaded several TIFF files comprising of a NMMR surface map to the PA DEP FTP site and asked Patrick to SID them in preparation for georeferencing. I thought this area was covered by WBDO_053-05-01, but it turns out that it only covered half the Locust Gap colliery. Geod BMSA_2973, an 1:800 scale map from Trevorton to Frackville that filled in some gaps for the Enterprise and Locust Gap collieries. [MSI]
- PKN-OAK-REP field day, installing stilling wells and transducers at Oak Hill, Upstream on West Branch. Took flows at both places, plus Replier Tunnel and Mill Creek upstream. [SCD]
- Loyalsock Sampling with a full contingent: EPCAMR staff Bobby & Frank, both Americorps and Ian – our Wilkes Volunteer, Sullivan CD WS, and Chesapeake Bay Tech. [LCWA]
- Added 7 scenes from a NMMR Locust Gap map to the Western Middle Field Surface Mosaic. Adjusted the footprints and corrected the blue color error. [MSI]
- Continued to troubleshoot the WIFI extender purchased and tested before the AMR Conference. It would not stay connected to the router and provide internet to connected devices for more than a few minutes; therefore, it was either not compatible with our router or

defective. Researched common issues with extenders for our Netgear N600 router, but there was nothing of consequence. Returned the item to Amazon and ordered another simpler extender to arrive next week. Installed 3 printheads in our HP DesignJet T790 plotter and updated the firmware. It printed out a test sheet that seemed to have fixed the problems.

- Downloaded flow meter data since July and processed a few to look for flows we missed recording in the field book. Update PKN-OAK-REP field notes and google spreadsheet. Thought I had to compensate for the installation angle of the Pipe at Pine Knot AMD, but as per Solinst website, the transducer measures the water above it regardless of pipe angle.
- Updated Columbia U transducer data spreadsheet from flow meter and field book for South Wilkes-Barre Boreholes, Loomis Seep, and Buttonwood Tunnel discharges.
- Finished correcting the blue color error in 7 scenes from a NMMR Locust Gap map to the Western Middle Field Surface Mosaic. [MSI]
- Sampled Askam and sites above and below the treatment system on Nanticoke Creek for flow and chemistry. [EC]
- Recorded YSI probe chemistry and flows at Loomis Discharge, Buttonwood Discharge, and South Wilkes-Barre Discharge sites. [COLU]
- Regeoreferenced several maps to make sure proposed borehole locations were on voids in mines. Gathered locations and elevation information that Eric Bella suggested a driller would need and sent it off to Wayne. [SCD]

[] - Denotes funding source where applicable.