



## Eastern PA Coalition for Abandoned Mine Reclamation

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### December 2025 Progress Report

#### Highlights:

- EPCAMR staff scanned, cataloged, 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**, and an **AMR Conference Committee** call.
- Sampled 3 discharges and 4 in-stream points for the PKN-OAK-REP project on Mill Creek and West Branch Schuylkill River for SCD
- Completed reimbursement paperwork & invoiced several income sources to round out the year
- Started AGOL Historical Colliery Photos and Locations Story Map with intern as requested by the **EPCAMR Board**.
- Updated [www.TreatMineWater.com](http://www.TreatMineWater.com); [www.EPCAMR.org](http://www.EPCAMR.org); & [www.AnthraciteHistory.org](http://www.AnthraciteHistory.org); administered GobbaDaPile local domain, G Suite for Nonprofits, and social media sites.

#### Education, Outreach and Admin.:

- Finished EPCAMR Program Manager report for May and June. Started 319 reimbursement for the 2<sup>nd</sup> quarter (April to June) 2025. Started July report.
- Finished 319 reimbursement with info from Bobby to update the Progress Report section. Finished writing up EPCAMR Program Manager report for July and started August report.
- Started Mine Mapping Grant (MMG) Invoice 9 for the MSI Program. Gathered timesheets and work. Steve's timesheets were all available on the Google Drive. Downloaded Shawnese Geo work July-Oct 25 and uploaded it via Filezilla to the DEP FTP. Asked Bobby to encourage Shawnese to update her timesheets on the drive. Updated the EPCAMR GIS Watershed Technician job description on the Google Drive and shared it with Bobby as we were looking to hire on another staff member to help with the MSI program. [MSI]
- Billed down hours in Quickbooks for a few projects and created invoices to bill down income sources. Calculated hours spent at the AMR Conference and related expenses to bill the AMR Conference Restricted account.
- EPCAMR Management staff participated in an AMR Conference Call to start planning for the 2026 conference. Updated Venue Requirements Document and sent to Holiday Inn Harrisburg in Grantville and DoubleTree in Reading.
- Packed and shipped an online store order to Denver, Colorado via 2-day shipping as requested by the buyer. Was able to fulfill the whole order except the iron oxide drip ornament. Corresponded with the buyer to reimburse us for the difference in shipping and about the backordered item. Picked up 20 plastic DIY Christmas ornaments (on sale for 60% off) and acrylic paint to produce more iron oxide drip ornaments.
- EPCAMR Management staff participated in weekly AML Campaign Calls.
- Continued to work on EPCAMR Program Manager Board Reports and Time Sheets up to September. Posted May-August reports to the web.

- Reviewed venue proposal from Holiday Inn Grantville and added comments. Emailed to ask the Director of Sales from Holiday Inn to respond and work out the details directly. Uploaded the documents to the AMR Conference Google Folder for the committee to review.
- Heard back from Lindsay Methlie at Double Tree in Reading that they could not accommodate our dates for the 2026 AMR Conference. I followed up to stretch the dates back into the beginning weeks of October and November, but there was no wiggle room. Their venue is sometimes booked 2 years out, and they are especially busy in the fall with conventions, but if we were to consider going back to June, there was much more availability. Followed up with the AMR Conference Committee to let them know.
- Finished September, October, and November board reports. Posted them to the [www.epcamr.org](http://www.epcamr.org) website. Caught up on timesheets to the current pay period.
- Contacted Nick Zmijewski and Dave Hazel from Industrial Archives Library (IAL) for more maps to scan as EPCAMR AmeriCorps Service member, Dennis Dukinas, had completed the last few boxes from the prior drop-off.
- Finished Invoice #1 for the PKN-OAK-REP project from Kickoff in April to November and sent it to Wayne Lehman for review. [POR]
- Replied to PA DEP 319 staffer, Chad Krick, that we are, in fact, up to RAMLIS Version 2025.
- EPCAMR Management staff participated in a PKN-OAK-REP monthly call.
- Prepared a proposal for Larson Design Group to break up \$9K dedicated to sampling a discharge near Shickshinny between 15 paid lab tests at Hawk Mountain, mileage, and EPCAMR's time to grab samples and take flow.
- Redo of the P-O-R\_Invoice1 and related estimate for the PKN-OAK-REP project. Needed to be broken down by staff as well as the task. Now that they are edited with the needed detail, it will be easier to invoice this project in the future. [POR]
- Gathered the remaining timesheets needed to calculate and submitted MSI Invoice 9. [MSI]
- Officially hired Maria Gereda to a full time position mainly working on the MSI program. Trained Maria on PHUMMIS cataloging. Sorted IAL maps on the X-drive into UMM, Other and DoNotSendDEP folders. Eventually we will upload UMM and other folders to DEP FTP and catalog them in PHUMMIS. [MSI]
- Worked on updating dates to Month/Day/Year format to help with cataloging in PHUMMIS. We were running into a problem where we entered records, but they would not save in PHUMMIS. Maria discovered it had to do with only having a year for the map date. Quality checked the scanned images, rotated a few, sorted them into "UMM & Surface", "Other", and "DoNotSendDEP" folders. UMM (underground mine maps) and Surface maps can potentially be georeferenced, where things like cross sections are placed in the Other folder. We do not send mechanical drawings, railroad maps, and site plans to DEP, but have scanned them for IAL. The scanning was mostly done under the AmeriCorps program.
- Work from home 1/2 day the day after Christmas. Logged Maria into PHUMMIS. Prepared an Annual Raise Calculator based on 2025 performance. Asked Robert for everyone's last paystub and the 2026 healthcare increases.
- Received info from Bobby and created a draft Annual Raise Proposal Document based on 2026 Healthcare increases and 2025 performance.
- Continued updating dates to Month/Day/Year format and other information for IAL Penn Equipment Collection, starting at IAL-JM-0185.
- Continued updating dates to Month/Day/Year format and other information for IAL Penn Equipment Collection, starting at IAL-JM-0213.
- Notified EPCAMR Secretary, Christine Haldeman, that we found some Lucanna (aka. Luciana and Bear Ridge) maps and cross-sections. Found them while reviewing the IAL Penn Equipment Collection. Explained that they were difficult to recognize because they were only labeled Frackville Coal Co., and the geology is complex in that particular area due to faulting and overturned beds. Marked up a USGS I-series cross-section to explain the complexity. Once they are cataloged in PHUMMIS, DEP will apply the images for download.
- Spoke with Eric Cavazza, Tetra Tech, who was interested in partnering on a geo-technical review of mine maps for the Eckley area. Essentially, the AMLIS hazards need to be updated

before the site is reclaimed. Proposals are due early next month. Bobby and I should review and submit a proposal before then.

- Continued updating dates to Month/Day/Year format and other information for IAL Penn Equipment Collection, starting at IAL-JM-0370.

### **Technical Assistance:**

- Created a spreadsheet to calculate staff time by project as added to our timesheets. The project abbreviation is added to column A and the total time for the project is added to column B from each pay period sheet. The abbreviations and corresponding hours are auto-summed underneath. This spreadsheet could be helpful going forward when trying to bill down and reimburse for projects in a timely manner, instead of manually summarizing time per project on each timesheet. Currently it calculates for the whole year, but one could be created for each quarter.
- Researched a quote that was sent by a Dell Representative to purchase 2 new Precision Laptops for the Mine Mapping Grant program. The only concern at the time was that the memory chips were "soldered down," meaning they were permanent and could not be upgraded later by adding/replacing a traditional RAM stick into the computer. They both come with 32GB, which is currently what my laptop has. Purchased the 2 laptops quoted by Dell. [MSI]
- Worked on Lost Creek mapping to identify sites to field investigate. Added photos from the kick-off meeting in November to a folder and imported their locations into ArcGIS. Kleinfelder mentioned that a team should go investigate boreholes in the upcoming field work, but I think they meant the monitoring wells drilled in the backyards of residents along New Road. These will be difficult to find in any snow pack. Instead, I stressed we should find William Penn (BH 57), Packer No. 5 (BH 10), Kohinoor (BH 7), and a Water-filled Strip Pit above the Packer No. 2 / No. 3 divide to find current mine pool levels. It also brings up the questions: Where does Lost Creek actually get lost? And where does Weston Tunnel AMD drainage go? If they both go into Packer No. 3 underground mines, those potentially could be larger sources of drainage that could be avoided by placing them back on the surface. Communicated these ideas, along with snapshots and photos, to Kleinfelder. Georeferenced and started digi of points and pipelines from DEP As-builts. [LOSTCR]
- Started review of the Clinton #2 and Tracy Overflow Treatment System relocation alternatives.
- Attempted to clear up monitoring points for the PNK-OAK-REP project. Had a discussion with Chuck Cravotta, Cravotta Geochemica Consulting, who mentioned that monthly sampling of the discharges was important and quarterly sampling of the instream points would be sufficient. We also decided to move the downstream point on Mill Creek (MC007) upstream to a new site (MCDSREP) under a bridge just downstream of the REP discharge. Relayed this information to Brandon Zimmerman, PA DEP, who is setting up these points in the state lab system.
- Finished review of the Clinton #2 and Tracy Overflow Treatment System relocation alternatives. Produced a PPT with options A-D and emailed this draft to Wayne Lehman.
- Helped Dennis create the Historical Coal Mines, Collieries, Breakers, and Washeries in the Northern, Middle, and Southern Anthracite fields of Eastern Pennsylvania Story Map. This map shows the approximate location of almost 200 coal mines, collieries, breakers, and washeries in the Anthracite Coal Region of Eastern Pennsylvania. The location information was compiled by Richard G. Healy, author of "The Pennsylvania Anthracite Coal Industry, 1860-1902" and given to EPCAMR for educational purposes in 2007. Dennis started this story map to add photos from various online and private sources in 2025 at the request of the EPCAMR Board. Notified the EPCAMR executive committee of the layer and that we are working on it, plan to have a lot of images added for Anthracite History Month in January, and would eventually like to allow community members to help update it (after researching how to keep our work safe from "ner-do-well" attempts to mess it up). Some of the image sources include: Pennsylvania's Northern Anthracite Coal Field 1870 - 1970, The Coal Castles of Schuylkill County, Underground Miners - Mining Operations, and Saint Clair Community and Historical Society.

- Received word that our PKN-OAK-REP monitoring points were added to the DEP state lab sampling database. Asked DEP staff if our cooler information could be edited in the Quick Courier Client Portal. Currently, they show the drop-off/pickup location at the Northumberland County Conservation District Office, and I only know how to access the QuickTrack function. They recommended we contact the PA DEP Bureau of Labs directly. [POR]
- Worked with Dennis to incorporate external image URLs and captions into the story map table directly to display in the pop-up.
- Prepared bottles, labels, and Sample Submission Sheet for PKN-OAK-REP project. Contacted PA DEP Bureau of Labs and Quick Courier Service to set up a pick-up location for tomorrow's sampling event. [POR]
- EPCAMR staff completed the first quarterly sampling of 3 discharges and 4 stream sites for the PKN-OAK-REP project. [POR]
- Brandon Zimmerman and Phil Amico, DEP project advisors, provided an updated lab sampling submission sheet for us to use for the PKN-OAK-REP project. The new sheet adds D.O. and Temperature field measurements. I adjusted the columns a little more to allow us to hand-write them. Discussion on significant figures to reduce decimal places and save some space on the forms. [POR]
- Viewing TIFF Images became slower for QA/QC of scanned mine maps on the X drive. Researched how to boost speeds. Downloaded a ping tool and speed test software to check download and upload speeds over our ethernet. They were consistently showing speeds of 500+ MB/s. Checked NAS Drives X and M for security updates. Disabled from communication with the internet as much as possible. Continued on updating dates to Month/Day/Year format for IAL Penn Equipment Collection starting at IAL-JM-0135 to help with cataloging in PHUMMIS. [MSI]
- Found 3 maps, the historic collieries shapefile, and created a document to explain the process to develop the Historic Collieries Story Map. Placed them in a Google Folder and shared with Dennis.

[ ] - Denotes funding source where applicable.