



Eastern PA Coalition for Abandoned Mine Reclamation

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June 2024 Progress Report

Highlights:

- EPCAMR staff georeferenced, mosaicked & digitized mine maps for the **DEP MSI MMG** program. Continue QA/QC of **HU's** Southern Anthracite Mosaic work.
- EPCAMR Management staff participated in weekly **PA AML Campaign** calls, **POWR CWO** calls; hosted **POWR CWO** interviews over Zoom
- Sampled Askam AMD Treatment System, upstream & downstream on **Nanticoke Cr.** for **EC**; 3 AMD TS, upstream, downstream in **Loyalsock Creek Watershed** for **LCWA & SCD**
- Updated www.TreatMineWater.com and www.EPCAMR.org; administered GobbaDaPile local domain, G Suite for Nonprofits, and social media sites.

Education, Outreach and Admin.:

- Continued filling in the National Fish and Wildlife Foundation (NFWF) Black Duck and Brook Trout Habitat Data Draft Outline with data from spreadsheets and handwritten field datasheets. [NFWF]
- Continued hosting Community Watershed Organization (CWO) Interviews over Zoom with Bobby. [POWR]
- Imported CWO Survey data into ArcGIS to give the data a spatial component. Frank will use FME to process the data. Created a distribution map and sent it to the AMD team. [POWR]
- Reported issues with PA Mine Map Atlas to our Mine Mapping Grant (MMG) project manager at DEP. [MSI]
- Sent off our 2024 Mine Operator License renewal signature page to EPCAMR Executive Committee for signatures via DropBox Sign (formerly Hello Sign). They all e-signed the document within 1 day. Forwarded the signed document to Executive Director.
- Processed online store orders for AMR Conference and NTTP training registrations plus one iron oxide order. Sent confirmation emails.
- Continued to work on Data section of the NFWF report. Added data like water elevations and mine pool elevations. Used mail merge to add data from NFWF Data spreadsheet into document. Had to pull the spreadsheet down from SharePoint because mail merge does not work there. Split the Wanamie Mine Pool shapefile into 3 sections: Wanamie Lower at 592 ft, Wanamie Upper at 768 ft, and Wanamie South at 750 ft. This was based on OSM Folio cross sections showing faults and outcrops and surface water pools that have no discharge, but similar water levels (assumed surface water manifestations of the mine pool). Sent a draft to Bobby and John Levitsky for review. [NFWF]
- Organized Staff Timesheets to find ones for the January to March 2024 MSI reimbursement. Also gathered work completed. Steve's are in, waiting on Shawnese as usual. Bobby followed up again with her. [MSI]

- Continued to work on Data section of the NFWF report. Added photos and checked flora, fauna, and other handwritten notes on field data sheets (most were transcribed by EPCAMR staff, but finding out a lot was missed). [NFWF]
- Shawnese sent her timesheets and work for the MSI program. Checked over her digitizing work (Red Ash to Baltimore Veins) and 42 georeferenced maps over 64 hours in January. That equates to 1.5 hours per georeferenced map which is really slow. We should be shooting for an average is 0.5-1 hour per georeferenced map.
- Created a proposal to evaluate 3D mine pool volumes in Hazleton near the CanDo Industrial Park and sent to Bobby for his review.
- Reviewed Upper Shamokin Preliminary Report at the request of the Shamokin Creek Restoration Alliance (SCRA). Mentioned they were using an old barrier pillar layer of mine among some other notes. The barrier pillar layer has been adjusted since 2011 and I would be happy to supply it to them for the report. Began adjusting the "current mine pools" layer from the Southern and Western Middle report to the USGS C-series maps where they were originally digitized off due to a georeferencing error. Sent files to SCRA.
- Submitted Ooma invoice and 1st Quarter Board Meeting Balance Sheet to our accountant. Noticed that Ooma was still charging us a \$2.11 Pa Gross Receipts Tax. That sounds like a sales tax to me and as a tax-exempt organization, we are not required to pay sales tax. Contacted Ooma for a third time about this issue. Also asked them about a delay that seemed to be happening on phone calls lately. They provided me with settings that would need to be changed on my router and potentially with our ISP. Sent that document to Service Electric and enabled UPnP on our office router. I asked them to quote us on providing telephone service. The phones from the cable company would be considered landlines and we would lose the functionality of forwarding office calls to our personal cellphones (in case we are working from home) and the cost would be \$12 more a month than what we are paying for the internet and phones separately. The question came up about our cable modem, which is rented from the ISP at \$4.95 a month and it is old. Decided to purchase a cable modem Best Buy for ~\$79 and return the rented one. We started this internet service in 2016 and over that time have paid ~\$475 to rent that cable modem. We will have the new modem paid for in 16 months with the savings.
- Returned the rented cable modem to Service Electric in Wilkes-Barre and adjusted settings on the router to accommodate the 4x boost in internet speed.
- EPCAMR Management Staff participated in an AMD Team check-in zoom call. [POWR]
- Continued to work on Data section of the NFWF report. Formatted text, added to site descriptions, tables, and photos. Finished a second draft of the Data section of the NFWF report printed the 97 pages to PDF and sent to Bobby and John Levitsky for review. [NFWF]
- Submitted 319 SFY2026-2028 Grant Application online with Bobby.
- Finished up and submitted 1st Quarter 2024 MSI Reimbursement. Entered 43 georeferenced maps into PHUMMIS and uploaded to MMG SharePoint. Checking over Steve's draft Kingston Digi from 2/10/24 and Shawnese draft WBW Digi from 6/10/24 to add them to MMG SharePoint.
- Charted temperature data from 16 HOBO water temperature sensors installed in Newport, Nanticoke, Warrior and Solomon Creek watersheds for the NFWF report. [NFWF]
- Shawnese's external hard drive malfunctioned and she brought it in. She downloaded MSI files from the X Drive to a new external hard drive that she purchased (at least 3 hours transfer time). Took her drive to Computer Planet where the technician detected a short in the drive control board. Suggested a data recovery service in California called \$300 Data Recovery. Contacted NEPA Geeks instead who would evaluate the drive and send to a similar data recovery service Gillware in Madison, Wisconsin. Gillware evaluates the drives for free and comes up with a quote if they can fix it. The drive recovery could cost up to \$900. [MSI]
- Completed water temperature charts for 2023 on data from 16 HOBO sensor monitoring points recently collected by Steve and Frank. Created a draft of the NFWF report data section after adding in the average, maximum, and minimum temperatures for each site. Submitted report and the charts to Bobby and John for review. The charts will be in the appendix. [NFWF]
- Met with Steve to review his Southern Field Mosaic QA QC progress. He was having issues with not finding 100 scale maps and showed me Surface, Rabbit Hole, Tunnel and Tracy

mosaics. He will have those ready to go the first week of July. Received word from Patrick that the data recovery fee can be reimbursed. [MSI]

- 28 Completed another draft of the NFWF report data section after adding in RAMLIS information. Created a RAMLIS investigation report for the appendix and a draft map for the report. Submitted reports and the map to Bobby and John for review. [NFWF]

Technical Assistance:

- Sampled Loyalsock Upstream, Downstream, & in/out of 3 treatment systems (Connell B Vein, Connell C Vein and Gutten Drift) with Steve, Frank, Bobby, and two staff members from the Sullivan Conservation District (SCD). [LCWA]
- Continued to work on Southern Field Surface mosaic. Added geor_IUPASG_04440, a 400 scale map showing older mines from Pottsville to Middleport. Will use this as a base and find more 100 scale maps. Regeoreferenced geor_BMSA_2674 then georeferenced BMSA_3571-001 and added both to the mosaic. [MSI]
- Bobby was having trouble sending email to a government office. Contacted HostGator about a DMARC duplicate entry to resolve the email security issue. Waited a few days and the email went through.
- Sampled Askam Boreholes, Treatment System, upstream and downstream on Nanticoke Creek, and 2 flow sites. [EC]

[] - Denotes funding source where applicable.