



## Eastern PA Coalition for Abandoned Mine Reclamation

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### May 2022 Progress Report

#### Highlights:

- EPCAMR staff scanned, georeferenced, mosaicked & digitized mine 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, a Press Event along the **Lackawanna River**, and continued Zoom Events setup and registration for the **PA AMR** Conference.
- Sampled 3 AMD Treatment Systems and up/downstream on **Loyalsock Cr.** for **LCWA**. Submitted a proposal to sample **Shamokin Creek** AMD.
- Updated [www.treatminewater.com](http://www.treatminewater.com) and [www.epcamr.org](http://www.epcamr.org); administered G Suite for Nonprofits and social media sites; maintained GobbaDaPile in-house domain server

#### Education, Outreach and Admin.:

- Edited Memorandum of Understanding (MOU) documents with Catawissa Creek Restoration Association (CCRA) and PA Fish and Boat Commission (PFBC) and sent for review for the Catawissa Creek Stream Access Project.
- Updated conference registration database with new registrations from the store and speakers added to Zoom Events by Anne Daymut. Edited payment language at the bottom of the sponsors page of [www.treatminewater.com](http://www.treatminewater.com).
- Notified staff that Global Mapper trainings were available for this month through OSMRE's Technical Innovation and Professional Services (TIPS). Downloaded and upgraded to most recent version of Global Mapper 23.1.
- EPCAMR management staff participated in weekly PA Abandoned Mine Land (AML) Campaign Calls.
- EPCAMR management staff attended a press event at Sweeney's Beach Casey and Cartwright. Updated ArcGIS Lackawanna County Parcel Map with newly acquired data from the county for Lackawanna River Conservation Association (LCRA) and bookmarked the Luzerne County Parcel Map for them. Unfortunately, Lackawanna County does not have a parcel mapper. Picked up maps LRCA to scan from Dunmore area. Attempted to download data from the Old Forge Borehole transducer on the way back, but it was gone. The stilling well pipe had broken loose from its strap anchored in the concrete and were taken away by the flow. The transducer broke free from the data transfer cable. The last time data was downloaded was November 24th, 2021. Spoke with Bernie McGurl about replacement, but we decided to wait for funding.
- Continued to process PA Abandoned Mine Reclamation (AMR) Conference registrations and answer questions about payment. Dealt with an emerging issue regarding PA DEP staff using Zoom for virtual attendance of our upcoming PA AMR Conference. A few state workers said they could not use their pa.gov emails for Zoom. I told them to contact Amy Berrios out of the PA DEP Office of Active and Abandoned Mine Operations for concerns. This prompted state IT involvement to issue 2 waivers for state workers to use Zoom for the PA AMR Conference.

- Prepared a rough estimate to sample AMD Discharges in the Shamokin Creek Watershed and prepared a map of locations to Executive Director for Tetra Tech.
- Wrote Program Manager Report for February and posted to [www.epcamr.org](http://www.epcamr.org).
- Completed treasurer's report for the upcoming board meeting and sent for comments to our treasurer. Comments came back but copies were already made. Will make sure this does not happen next time.
- Created Agenda for upcoming board meeting and uploaded to [www.epcamr.org](http://www.epcamr.org). Started writing Program Manager Reports for March and April.
- Updated [www.treatminewater.com](http://www.treatminewater.com) sponsors and exhibitors page with new vendors that had signed up.
- EPCAMR staff hosted the 2<sup>nd</sup> Quarter 2022 EPCAMR Board Meeting in-person at the Earth Conservancy (EC) conference room. Ed Wytovich brought more maps he was able to rustle up and Cheryl Brobst gave us a \$10K check from CCRA for the Catawissa Creek Stream Access project.
- Received a call from Scot Bollinger at PFBC regarding Catawissa Creek Stream Access MOU. He asked that EPCAMR is billed directly and I edited the MOU to reflect. Sent to PFBC for approval.
- Took AMR Conference schedule from Zoom Events to and posted to [www.treatminewater.com](http://www.treatminewater.com). Sent an email to Anne Daymut on timing after looking at contract which needs to be edited to add lunch on the second day, not boxed lunches for the first day and breaks. We also need to select from the Ramada food menu.
- Created a proposal to sample 9 discharges upstream and downstream samples in the Shamokin Creek Watershed for a Shamokin Creek Restoration Alliance (SCRA) and Tetra Tech grant to PA Department of Community and Economic Development (DCED).
- EPCAMR management staff participated in an AMR Conference call. Updated the Program with Anne Daymut to sort out the scheduled times and found another presentation slot. Added 2 additional sponsors logos and 2 additional exhibitors to their respective areas on the Zoom Events and [www.treatminewater.com](http://www.treatminewater.com) pages, followed up with contacts to provide info for the virtual booths.
- Revised Shamokin Creek Watershed AMD sampling proposal and sent to Tetra Tech.
- Identifying and sorting out issues with the Ramada Contract for the PA AMR Conference that was signed almost 2 years ago. No more tour on the first day needed to change some of the rooms to meeting rooms and decide where meals were going to be. Received the banquet menu and forwarded it to the Conference committee. Created a name tags template.
- Finished March and April progress reports.
- Updated sponsors collage on [www.treatminewater.com](http://www.treatminewater.com) homepage with new sponsors that came in recently. The edits had to be done tastefully in a Photoshop.
- Updated [www.treatminewater.com](http://www.treatminewater.com) and Zoom Event with a new Silver Sponsor and 3 more presentations. Edited the sponsor collage again in Photoshop. Processed several registrations.

### **Technical Assistance:**

- Submitted Wilkes-Barre West Quadrangle Kidney, Abbott and Snake Island Vein mosaic footprints to PA DEP California District Mining Office (DMO) for review [MSI].
- Purchased a Dell Precision 7750 laptop for Denise at a 70% discount through the Dell Outlet. Setup the laptop after arrival with office programs and connections to the network drives / printers.
- Added a Bliss Colliery map and Susquehanna Colliery maps that overlapped from Nanticoke Quadrangle to the Wilkes-Barre West Quadrangle No. 2 Vein mosaic and resubmitted to PA DEP DMO for review. Checked Nanticoke Quadrangle Top Split George Vein mosaic for maps in Alden and Bliss/Truesdale. The USGS I-Series cross sections from the area and 3D Model created by Mike Dunn at OSMRE does not indicate that the No. 2 /George Top Split vein was mined in the area. This confirmed their absence, and I was able to submit George and Top Split George vein mosaics to DEP for review. Georeferenced BLUE\_LOO-07-16-01 and added it to the Wilkes-Barre West Quadrangle No. 3 Vein mosaic. Created a Nanticoke Quadrangle No. 3

Vein mosaic that only consists of BLUE\_TRU-09-16-02 as it crosses over from the Wilkes-Barre West Quadrangle. Reviewed Wilkes-Barre West Quadrangle No. 3 and 4 Vein mosaics. Found BLUE\_HUB-32-14 with more coverage in Huber Colliery. Searched SIDs and PA Mine Map Atlas for map above for No. 4 vein with no luck. Need to review the National Mine Map Repository (NMMR) Aperture Card TIFF scans on our X drive for more [MSI].

- Sampled Loyalsock Upstream, Downstream, & in/out of 3 treatment systems (Connell B Vein, Connell C Vein and Gutten Drift). Recorded data in a database for reporting to the Sullivan Conservation District (SCD) & Loyalsock Creek Watershed Association. [LCWA]
- Transferred NMMR TIFFs, SIDs and October-December scanned maps to MSI travel drive to send to Patrick.
- Updated QB on Denise's new computer. She was having trouble with it earlier in the week likely related to transferring her profile from the old computer to the new computer. Researched and fixed the issue.
- Also experiencing issues with our websites, contacted Host Gator and found that the PHP version needed to be upgraded. Requested that they do so.
- Packed up our Swoffer flow meter to send for repairs to Washington State.
- EPCAMR staff evaluated the habitat of Reservoir Creek Beaver Dam, Leuders Creek Dam, Front Street Wetland, Concrete City Wetlands, Lower Hanover Reservoir, Upper Hanover Reservoir, Hanover 3rd Reservoir and a Stormwater Pond Wetland over 2 days for the National Fish and Wildlife Foundation (NFWF) Black Duck and Brook Trout Habitat Study in the Southern Wyoming Valley. Uploaded photos to the Google Drive [NFWF].
- Sorting out more issues with QuickBooks. This time it locked the file for editing even after all instances of QuickBooks were closed in the office. Incidentally Earth Conservancy has had this problem and suggested rebooting the network drive. This is a tricky prospect as it has to be done properly through the web interface or the drives will not come back properly. The reboot seemed to do the trick, however.
- Organized Keystone Anthracite Girard Estate (KAGE) maps from the safe. We were looking for ones that could be scanned. The rest were canvas backed and could not be scanned. We are almost done and ready to take all maps back to Keystone Anthracite. Organized 2 other sets of maps to be scanned from board members Bernie McGurl (Olyphant and Carbondale Area) and more from Ed Wytovich (Kehley Run and Shenandoah Area) to be added to and cataloged in the EPCAMR collection (looked at current scans to figure out numbering system for the new maps) [MSI].
- Converted scanned TIFF maps to JPEG for Reading Anthracite as the TIFF images were too large to open on their computer. These map scans were privately paid for and not to be sent to the state for the PA Mine Map Atlas.
- Transferred Ed Wytovich's 2GB scanned photos and slides to the M Drive and ordered a thumb drive to mail to him.
- Installed and calibrated ORP probe on YSI Pro Quatro probe. This probe replaced the Nitrate sensor which was not giving consistent results.
- Scanned recent NFWF datasheets and uploaded to Google Drive folders with photos. Updated Google Sheet data sheet with date, time, site name and a link to the specific Google drive folder for later digitizing. [NFWF]
- Updated ArcGIS Pro and looked for gaps in the Southern Field Mosaics for the Bear Creek 3D Mine Pool Project. Turns out there are a lot of gaps, will have to look for maps from Rausch Creek Lands and NMMR collections. [BEAR]
- Worked with returning EPCAMR intern, Levi Sunday-Lefkowitz, to update Black Duck spreadsheets. Added data from PDF datasheets to one and marked sites visited on John's list from the KML file. Also found an android app for my phone so we can edit the KML file in the field. [NFWF]

[ ] - Denotes funding source where applicable.