



## Eastern PA Coalition for Abandoned Mine Reclamation

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## November 2021 Progress Report

### Project Coordination

#### **Swoyersville Harry E. Reclamation and Community Athletic Area AMLER Project**

- Received the PA DEP DMO Inspection Report from 11-9-21 from *Joe McCarthy*, reviewed it, and put in the project file

#### **Healing the Scars: Reclaiming Northeastern PA! with ISI**

- Stanley Cooper Chapter TU was awarded the **\$2500** Forever WILD grant written by EPCAMR that would support the editing and completion of a short educational video/film on AMD and watershed restoration that utilizes EPCAMR's two trout puppets (Rainbow and Brook); Watched the first rough cut edit of the video to focus on the story line; Reviewed the adjusted budget on the project with *Claudia* for the remainder of 2021 and began to discuss the 2022 Budget and workload with *Laura* on the second video production; Discussed completing the End-of-Year Report for 2021 due by December 31<sup>st</sup>; Provided *Claudia Meglin-ISI, Inc.* with EPCAMR's W-9

#### **Mine Subsidence Mine Mapping Project**

- Coordinated with the EPCAMR Staff on monthly work progress on scanning, digitizing, georeferencing, cataloguing, and mosaicking of mine maps for October; Followed up with a few of the candidates for the part-time GIS Watershed Outreach Technician position to schedule future Zoom interviews for consideration

#### **Mill Creek Coldwater Conservation Plan Assessment Project**

- Coordinated with *Steve Cornia*-EPCAMR and let him know that a draft of the Mill Creek CHP Plan will be on the shared drive and that there were several maps needed that should be included; Requested that he help produce some of those maps and begin pulling together the Story Map for the project so we can get GPS locations on the Project Recommendations site locations around the watershed; Informed *Kathleen Lavelle*-TU that EPCAMR was in the process of wrapping up our final draft and she informed us that she was working on the report of the electroshocking results; EPCAMR sent her photos of the fish and field work in case she wanted to use any in the report; Worked for several days on writing the narrative portion and inserting maps, tables, photos, figures, and recommendations for the completion of the draft Mill Creek CHP

### **NFWF Southern Wyoming Valley Assessment**

- Staff conducted American Black Duck and waterfowl assessments of several wetlands, open water bodies, and water-filled stripping pits in the Newport Township project area and water quality monitoring

### **Bear Creek AMD Treatment Survey, Design, O & M Plan and Permitting Package Project**

- Worked with *Denise* to complete a second reimbursement and invoice through the end of September 30, 2021; EPCAMR will then submit an end of the year quarterly reimbursement at the end of December 2021; Completed the Application for Reimbursement, the Supplemental Sheet, and the Project Status Report and submitted it to *Trish Attardo*-Watershed Program Specialist, in the Watershed Support Section of PA DEP, Chesapeake Bay Office; Asked *Eric Naguski*-Dauphin County Conservation District-District Manager if he could ask *Robert* to pull together any water quality data that he may have on Bear Creek or the Wiconisco Creek either upstream or downstream of the Bear Creek confluence; EPCAMR is working on pulling together the sub-contract agreement with SRBC and is waiting on some mine map mosaics from the PA DEP California District Mining Office before we can begin working on the mine pool mapping this Winter

### **Just Transition Fund Cycle 2 Planning Grant for Capacity Building Expansion of EPCAMR GIS Solar Site Selection Tool (*proposed*)**

- Worked on a working document for the organizational capacity building grant through the Just Transition Fund (JTF); Submitted a full grant application in the amount of **\$25,000** to the JTF and included our Staff Qualifications document in addition to our Board List; The proposal will allow for Staff to fully expand our partnerships and stakeholders in the field of solar development potential on reclaimed abandoned mine lands beyond just the Anthracite Region of PA, for outreach and education on the topic and issue, and to support an internship program to support the effort over a year; Answered additional follow up questions from Max Shipman from the JTF

### **Plainsville AMD Borehole Consumptive Use Mitigation Project (*proposed*)**

- Discussed with *Tom Clark*, AMD Basin Coordinator for the SRBC a possible application to their [Consumptive Use Mitigation Grant](#) to take a closer look at the Plainsville AMD Borehole in Luzerne County, Plains Township, PA; Planned for a future site meeting with *John Levitsky*, Luzerne Conservation District Watershed Specialist and the landowner, *Greg Price*, who has always been cooperative with EPCAMR in allowing us to access the site for monitoring of flow and chemistry; Reviewed a [Webinar](#) on 11-16-21 for an overview of the grant program

### **Scranton Area Foundation Tomorrow's Leaders Today (TLT) Grant (*proposed*)**

- EPCAMR is considering a proposal to submit to fund a DIY Mayfly monitoring station to be set up at one of the AMD discharges in the Lackawanna Valley to be able to use it for educational purposes and data collection, possibly along one of the discharges near the Lackawanna Valley Heritage Authority's Rail Trail

### **Aquatic Informative Ripple Effect Software Water Quality Data Management Project**

- Participated in a Microsoft Teams Business Analysis session with *Tim Finegan* and Randy Romero-Aquatic Informatics and Mike Hewitt-EPCAMR Program Manager, to work on developing the Aquarius Business Analysis Plan for EPCAMR under the grant to get all of our water quality field data housed in one software program that could

evaluate it in a more robust fashion depending on if it's single samples or continuous monitoring over time; Participated in a second session with *Tim, Randy, Samanauz Dashti, and Mike* in late November to go over details of the actual data sets that EPCAMR will migrate, various data sets (continuous or discreet) and to focus on historical data that exists for the various AMD locations

## **Technical Assistance**

- Coordinated with *Liz Hughes*-Earth Conservancy and *Brian Oram*-BF Environmental to assist him with his Environmental Monitoring Course as a part of the Environmental Workforce Training Program; EPCAMR Staff taught the cohort members how to use a flow meter, to sample for macroinvertebrates, use our field sampling chemistry kits and YSI Multi-parameter probe at the Solomon Creek site in Ashley Borough at the Park at the end of Wyoming Street
- Suggested that *Steve Motyka* of the [Shamokin Creek Restoration Alliance](#) (SCRA) ask the surrounding municipalities if they had ever thought about setting up a [Interagency Municipal Cooperative Agreement](#) under the Municipal Planning Code to look at AMD Treatment from a more regional approach; There have been some thoughts tossed around about a Watershed Commission; It may be an idea that other communities may want to look at regionally to address AMD issues throughout PA; SCRA is looking to have the sewer authorities become members of the watershed association; Participated in a Microsoft Teams conference call with the SCRA and EPA partners to discuss work that is ongoing in the watershed and any needs identified by the local community watershed partners
- Participated in a Zoom call with *Donald Miles* and *Matt MacConnell*, members of the PA Sierra Club, Lehigh Valley Group, to gain some background information on the Buck Mountain AMD Treatment System in Carbon County that drains to the Upper Lehigh River since it is malfunctioning; EPCAMR Executive Director provided the gentlemen with some advice and suggestions on how to proceed with approaching other partners and the landowner to come to a possible resolution
- Provided *Liz Hughes*-Earth Conservancy with EPCAMR's microphone and speaker box for a press event that they are holding at the Bliss Bank site and dedication of an access road into the future industrial land development area in Newport Township, Luzerne County
- Provided *Jacqui Bonomo*, PennFuture with information on ownership of abandoned mine lands in the lower Southern Wyoming Valley where the [Nacero Gas Plant](#) is being proposed in the Newport Creek Watershed; Provided her with a copy of the 2019 [Master Plan](#) from Earth Conservancy for Newport Township
- *Steve Cornia*, EPCAMR GIS Watershed Outreach Specialist and the Executive Director met up with *Ed Wytovich*, Catawissa Creek Restoration Association, to get some drone footage and aerial photos of the Catawissa Creek watershed and landmarks for

inclusion in the 2022 River of the Year Nomination; Sent around the drone shots to our partners in Columbia and Schuylkill Counties as well as *John Zaktanksy*, [Middle Susquehanna RiverKeeper](#), who will be submitting the nomination on CCRA's behalf; Helped to choose the pictures that were eventually selected to include with the nomination through a consensus vote of the partners and provided a quote to *John* for the nomination

- Convened a call with *Branden Diehl*, Earthwise Consulting to let him know that EPCAMR would be interested in looking to secure some funding to do some statistical data work and/or test out the [EnviroDIY Mayflies](#) on AMD streams; We built and installed one with our partners in the Lackawanna County Conservation District for less than \$3K; They can be programmed to deliver data to [MonitorMyWatershed](#); Check out the data from one [mayfly we installed in Archbald, PA](#) on the Lackawanna River; There is another one above Uniondale, PA on the clean sections of the Lackawanna River, but that one doesn't automatically report and it is considered a prototype; The landowner downloads data from and can then upload it to the site; There is the potential to still add telemetry components to the unit; EPCAMR needs to know if these will work in acid conditions with high aluminum levels or in more circum-neutral pH AMD loaded with iron to see if they are worth the investment long-term
- Provided *Kathleen Lavelle*-TU with several companies that we have used in the past to have our AMD and water quality samples analyzed if lab results were warranted so that she can obtain a quote for services
- Provided *Angela Fiorentino* and *Brandon Whitman*-Wilkes University information on mine pools and potential subsurface pathways of flow for the Nanticoke Creek as a part of their Senior Project; Suggested they download maps that we have placed on the [www.minemaps.psu.edu](#) website for that area since the mine pool information hasn't been updated since 2012 for that area in the Southern Wyoming Valley due to funding needed to work on it specifically; Mike provided them with a copy of the USGS "*Effect of Historical Coal Mining and Drainage from Abandoned Mines on Streamflow and Water Quality in Newport and Nanticoke Creeks, Luzerne County, PA 1999-2000 Report*" from 2000 that showed the flow paths of the mine pool water at that time based on available data
- Provided *Ben Paul*-Northumberland County Conservation District Watershed Specialist with language to define AMD for a kiosk they are trying to create to have placed within the Shamokin Creek watershed for educational purposes; Provided *Ben* with EPCAMR's logo to be included on the interpretative kiosk at his request
- Provided *Renee Carey*-Northcentral PA Conservancy with information on geology and soils in the area of Shamokin Township, Northumberland County as a part of a title search they are doing because she was unsure if any coal mining had been extracted in that area, since historically mining was completed much further south on the other side

of the mountain ridge and to the east; Followed up with her that there were no maps found in the [www.minemaps.psu.edu](http://www.minemaps.psu.edu) inventory; Suggested she follow up with the [PA DEP Pottsville District Mining Office](#) and to ask the Northumberland County Conservation District to run a soil survey analysis ([Web Soil Survey](#)) of the property if it would help by contacting *Ben Paul*-Watershed Specialist

- Participated in a yearly PA American Water Source Water Protection Microsoft Teams Meeting to discuss the Lake Scranton systems prior to the submittal of their annual update to the PA DEP; Provided *Kristi English*, PA American Water Source Water Protection State Lead, with information on AMD around the reservoirs and other water monitoring efforts of EPCAMR in the Lackawanna Valley with our partners, including the recent work on the Lackawanna County Action Plan (CAP)

### **Loyalsock Creek Watershed Association/Sullivan County Conservation District Monitoring of AMD Treatment Systems**

- *Aaron Pontzer*-Watershed Manager, PA DEP Moshannon District Mining Office reached out to EPCAMR after our inquiry for additional water quality data on the Lewis Mine Site AMD Treatment System; He provided EPCAMR with additional data and an update on repairs to the Agri-Drain box lid, the weir, stirring up of the limestone, and the top layer of the mushroom compost in the Vertical Flow Pond that needs to be replaced; The AMD is still treated prior to entering Birch Creek years after EPCAMR did the rehabilitation and construction of the second flush pond to the system

### **Datashed Technical Assistance to Stream Restoration Incorporated**

- *Cliff Denholm*-Stream Restoration Inc. requested additional technical assistance professional services from EPCAMR Staff to work on Datashed, data entry, and outreach

### **Community Volunteer Coordination**

- *Justin Clements* requested that EPCAMR place his family's name on any available Growboxxes that are in Centralia, PA with the "Clews Family" on behalf of his grandmother, who was a former resident; She was very happy to hear that we had planted all the apple trees earlier in the year in the Borough; They can't get to the area, but would be very appreciative if we could add their name to one of the lids of the Growboxxes on one of the planted apple trees; EPCAMR informed him that once we get back down there that we would add the family name to one of the Growboxx lids in either the late Winter or early Spring 2022

### **Education & Outreach**

- Participated in weekly PA AML Campaign conference calls with partners to hear updates and give updates on legislation and the Infrastructure bill's recent passage in the Senate; Reviewed the meeting call notes from 11-5-21
- Interview with *Emily Scott*-Keystone State News Connection on Infrastructure bill and AML

- Participated in a Microsoft Teams meeting with Allison Acevedo, PA DEP Office of Environmental Justice, *Joe Pizarchik*, *Branden Diehl*-Foundation for PA Watersheds, and *Mike Hewitt*-EPCAMR Program Manager to learn more about Justice 40 and some of our concerns about prioritization, funding, and inclusion or potential or exclusion of coalfield communities from consideration
- Conducted an AMD watershed tour of the Old Forge AMD Borehole in Lackawanna County for the PA DCNR Community Connections Program with *Steve Cornia* and *Bernie McGurl*, Lackawanna River Conservation Association, that included several high schools from the Lackawanna Valley with *Diane Madl*, *Megan Fedor*, *Tony DeSantis*, and *Angela Lambert*
- Conducted an AMD watershed tour of the Askam AMD Borehole Maelstrom Oxidizer Treatment System in Hanover Township, Luzerne County on Earth Conservancy property, for the PA DCNR Community Connections Program with *Steve Cornia* and that included several high schools from the Wyoming Valley with *Diane Madl*, *Megan Fedor*, and *Tony DeSantis*
- Provided *Willie Dodson*, Appalachian Voices with quotes for a blog on AML in the Infrastructure bill
- *Samantha Nobles-Block* from [Grist](#) wrote a [story](#) on Reclamation, Reauthorization, and Economic Redevelopment of PA's abandoned mine lands that was published; Forwarded the article around to the PA AML Campaign and the National RECLAIM Working Group
- Forwarded around a survey for *Karsyn Kendrick*, a graduate student and Master of Science candidate in George Mason University's Environmental Science and Policy Program; She is examining the AML Program and how local community organizations participate in AML issues; The survey is confidential and approved by the Institutional Review Board; Results will be presented anonymously within the thesis and is targeting organizations in CO, KY, WV, VA, PA, and OH
- Provided *Trey Pollard*, Pollard Communications with some quotes from EPCAMR since the [Bipartisan Infrastructure Funding](#) passed on 11-5-21
- Mailed out an iron oxide pigment order to *Michael and Lydia Matukaitis* from Chicago, IL
- Mailed out a Centralia: PA's Lost Town DVD to *Sherry Maddox*, from Babylon, NY
- Worked with *Frank Sindaco*, EPCAMR GIS Watershed Outreach Specialist to rough up some statistical information from the Federal e-AMLIS about AML costs that are funded, unfunded, and completed, both in PA and across the country; Informed Frank the estimates are based only on a conservative assessment of the problem areas that are

out there that have been inventoried; It usually only portrays costs that are for reclamation construction costs. It doesn't take into consideration, design, engineering, and AMD Treatment system costs or long-term operation and maintenance of those systems because each discharge is different in terms of chemistry and flow, so that costs are going to vary and as we know could be in the millions of dollars to construct; e-AMLIS doesn't take into consideration problem areas and features that are undetermined either; The inventory was never a complete comprehensive inventory when it was started and wasn't funded with enough money to make it complete; It does not take into consideration inflation either; It has always been difficult for us to determine what year they were using for their estimates in terms of the construction dollar value; There needs to be some caveats to the numbers; We usually look to use what the State of PA puts out in terms of numbers and costs until they update their numbers to reflect these costs underestimates

- Participated in a Zoom meeting of the PA Department of Education Content and Steering Committee Meeting; Participated in a K-5 PA Standards Working Group call
- Participated as a guest speaker and Panelist in Sullivan County at the Library in Dushore, PA to talk about the Centralia: PA's Lost Town documentary with the Director, *Joe Sapienza*, and fellow EPCAMR Board Member before an audience of 20 who were able to screen the film
- Participated in the monthly National RECLAIM Working Group Zoom call to provide updates on RECLAIM, policy, communications, and where bills are heading in Congress and their progress
- Participated in a Reimagine Appalachia PA Update conference call
- Participated in a Zoom call led by *Rich Troscianecki*, Program Coordinator with the Penn-State Extension Master Watershed Steward Partnership for Luzerne and Lackawanna Counties Roundtable discussion to talk about volunteer opportunities to work together in 2022 on a myriad of environmental issues, projects, and programs
- EPCAMR is following [HB 668](#) that would add a coal refuse energy member to the Mining & Reclamation Advisory Board; EPCAMR is fully support of the bill to do so that would allow for additional representation on the importance of the culm waste to energy co-gen plants that are removing thousands of acres of abandoned mine land material to generate electricity and to reclaim the land
- Coordinated an AMD field trip to Solomon Creek AMD Boreholes and Askam AMD Maelstrom Oxidizer Treatment System with *Dr. Andrea Nerozzi*, Wyoming Seminary Associate Director of the Maslow STEM School, and EPCAMR Board Member with some of her students

- Reached out to our local Congressman *Cartwright* to inform him of our concerns around the targeted distribution of funds to various communities that all are defined differently by the various Interagency Working Group agencies like ARC, EPA, Department of Labor, and even our own PA Environmental Justice Office; The current Administration's Justice 40 Executive Order could see funding go to other areas more directly than to PA, if the EO applies to funding under SMCRA and the AMLER Program; The different classifications of economically distressed communities could leave many communities in PA behind, in terms of funding needs and prioritization of the targeted funds for coalfield communities; Reviewed the PA Governor's [announcement](#) to prioritize EJ
- EPCAMR added [www.capitaloneshopping.com](http://www.capitaloneshopping.com) to one of our pages on the website to allow our visitors a way to save on certain items by doing price comparisons for equipment and supplies they might need to do their work
- Call with National TU and PATU on discussions around priority watershed determinations in PA; Provided *Jacob Tomlinson*-Manager of TU's PA Coldwater Habitat Program, information on EJ communities as an overlay to consider when looking into various underserved areas and watersheds across the Commonwealth as they decide which watersheds they end up selecting
- Interviewed by [Audrey Carleton](#), and Environmental Journalist for VICE, out of Brooklyn, NY on a freelance story on revegetating abandoned oil and gas fields and the role that effort could play in salvaging land in the transition towards renewable energy; She asked for any lessons that are transferrable from revegetating abandoned mine lands as a part of her research for the story
- Provided an EPCAMR Executive Director bio and photo to *Amidea Daniel*, Trout Unlimited for the PATU Women, Diversity, and Inclusion [webpage](#) since becoming a volunteer member and mentor on the Committee to promote the education of coldwater resources in PA and AMD education and outreach
- Scheduled a pickup of *Ed Wytovich's* slides on the Catawissa Creek that were scanned by former EPCAMR Intern, *Katie Van Orden* into a digital format archive
- Worked with *Dr. Ken Klemow-Wilkes* University to provide a copy of an [article](#) on "*Phosphorus Immobilization in water and sediment using iron-materials: A review*" to *Dr. Andrea Nerozzi*-Associate Director of the Maslow STEM School at Wyoming Seminary Upper School for one of her students to review and provided a copy to Mike to pass along to Larson Design Group who is working on the Luzerne/Lackawanna County Action Plan (CAP)
- Completed a request form provided by *John Clune*-Hydrologist with the USGS PA Water Science Center to obtain a dozen free printed copies of "[Nitrogen n the Chesapeake Bay Watershed-A century of change, 1950-2050](#)"



- Worked with *Aaron Eldred*-Columbia County Watershed Specialist to determine if a 10-acre parcel of land owned by the City of Philadelphia-Girard Estate in the Ashland area might be suitable for a possible tree planting location, if there aren't any future plans for mining on the location
- Discussed with *Trey Pollard*-Pollard Communications, LLC, about pulling together a draft Op-Ed piece on the Infrastructure bill and to make a case for AMD Treatment and removing some hurdles we still face leveraging additional private investment into future reclamation and remediation projects
- Shared an opportunity for students to produce an Environmental Justice video challenge to enhance communities' capacity to address environmental inequities to *Dr. Andrea Nerozzi*, Maslow STEM School at Wyoming Seminary Upper School; The [grant](#) was passed along to EPCAMR from *Justin Dula*, NE Regional Coordinator for the Office of Environmental Justice
- Participated in a conference call with a long-time colleague, *Bill Toffey*, who used to work on biosolids and land application of treated waste on abandoned mine lands years ago from the Philadelphia area; He was the Executive Director of the Mid-Atlantic Biosolids Association ([MABA](#)); EPCAMR worked together with *Bill* on some projects in Schuylkill County (The Repellier) and with Waste Management Products, Inc. (WMPI) who had an affiliation with ARIPPA at the time; *Bill* is now working as a consultant with New York City on Biochar and Class B waste disposal for AML, green infrastructure, organic matter; They are using some sort of high-tech heating process and he's looking for some new partnerships in a similar fashion with the wastewater industry, [Water Environment Federation](#), and the abandoned mine land reclamation community in PA; Informed *Gary Merritt* and *George Wolf* of his interest since it is of a similar nature

## Conferences, Training, Webinars, Tours, Exhibits, & Workshops

- Worked with *Eric Oliver*, PA DEP Moshannon District Mining Office to help with technical issues accessing the WHOVA desktop platform to access presentations and videos because of internal State firewall issues or while logging in from a VPN; WHOVA reached out to EPCAMR to see if we were going to renew for 2022 to keep the existing rates or make a decision later after the New Year; EPCAMR and the PA AMR Conference Committee decided to hold off due to some service issues we had with WHOVA; Convened a PA AMR conference call wrap up for the 2021 Conference and began discussing planning for 2022, which is only 7 months away
- *Karsyn Kendrick*-Associate Policy Advisor for the Blue Green Alliance in DC is looking to plan an AMD/AML Tour to illustrate, educate, and lift up the recent environmental reclamation and remediation funding found in the Infrastructure and Jobs Act; EPCAMR provided her with some sites for consideration; Directed her to *Brian Bradley*, PA DEP BAMR for additional thoughts and suggestions; Connected her with *Terry Ostrowski*-EC CEO to discuss a possible visit to the Bliss Bank reclamation and economic development project in Newport Township, Luzerne County
- Requested by *Greg Malaska*, PA TU President to work with TU's Mid-Atlantic Policy Coordinator and Staff to develop an endorsement letter draft for January 2022 Executive Committee Meeting on how TU Chapters will have the opportunity to be a major part of the legislative impacts from the influx of AML funding to PA under the Infrastructure bill and AML Trust Fund
- Requested to speak on AML and Clean Energy Issues surrounding abandoned mine reclamation and AMD that EPCAMR is working on for *Julie McMonagle's* Environmental Engineering and Earth Sciences Class on December 7<sup>th</sup> and career pathways and to *Dr. Ken Klemow's* Energy Class of 50 students at Wilkes University on December 10<sup>th</sup>; Scheduled the speaking engagement for December 10<sup>th</sup>
- Participated in a Zoom call with *Gary Merritt* and *George Wolf* regarding legacy sediments in the Chesapeake Bay and the potential for using the sediment as part of top soiling abandoned mine lands that have been reclaimed; George had inquired about an integrated effort to utilize various funding sources from found in the federal Infrastructure and Jobs Act to create a comprehensive plan to address the problems with nutrient overload to our rivers and streams, animal manures, biochar from manure processing, reclamation, and ag crops for bioenergy production; The soils and vegetation could become carbon sinks where the carbon sequestered could produce carbon credits to help fund future projects; SRBC had been heavily involved in legacy sediment topic years ago and held a few symposiums related to the issue; Provided them with links to a few documents of interest; [Sediments behind Dams Analysis-SRBC](#) (2006) and [Nutrients Sediment in the Susquehanna River Report](#) (2017); Suggested they also reach out to *Mark Gutshall* at LandStudies who has a lot of experience in legacy sediments and floodplain restoration projects, including a great [blog feature](#)
- Invited by *Renee Reber*-State Lead for the PA Choose Clean Water Coalition to be a panelist speaker on a Zoom webinar December 1<sup>st</sup> in the evening to discuss the bipartisan infrastructure bill passage and Growing Greener 3 in PA, with the Coalition for the Delaware River Watershed, PennFuture, PA Parks and Forest Foundation, Trout

Unlimited, We Conserve PA, Choose Clean Water Coalition, Conservation Voters of PA, and PA DCNR; EPCAMR highlighted our use of Growing Greener 319 funds and other funding sources for reclamation and AMD work in our region

### **EPCAMR Program Administration**

- Reconciled EPCAMR's Checking Account and PA, Invest Accounts; Paid Health Care Premiums for EPCAMR Staff for October 2021 with Highmark; Paid Verizon and Internet monthly bills; Paid EC the rent; Balanced EPCAMR Checking Register; Made deposits to FNB for incoming reimbursements, checks, and accounts receivables
- Completed the November 2021 Monthly Report for both the 319 Program and for the Board Reporting and forwarded it to Mike
- Drove to Tunkhannock Office of FNB to drop off EPCAMR's Staff 3<sup>rd</sup> Quarter Cetera Investments IRA payments to *Janice Perry*, since her office was relocated once the Nanticoke Branch closed
- Enrolled in ADP's Employment Verification System, a new feature added to our Payroll Services at no charge to EPCAMR as an existing client
- Worked with *Mike* to provide the 2020 Accountant's Copy of QuickBooks, Bank Statement for 12-31-20, SUTA Employer Expenses for 2020, any payroll liabilities for 2020, PA Invest Account Balance, W-2 2020 Summary Document, and the 940 and 941s to *Kohanski and Company*, CPA for completion of our 990 Document filing
- Worked with *Mike* to develop a 2022 Budget Template for EPCAMR for the 4<sup>th</sup> Quarter Board Meeting; Shared the Budget with the Board for approval; Convened the Board Meeting on November 18<sup>th</sup>
- Provided the EPCAMR Personnel Committee with recommended merit raise increases for 2022 for all Staff
- Sent a copy of the draft notes from the Communications Subcommittee of the Strategic Plan to *Mike* for inclusion in the final draft of the Plan Update; Sought additional comments from *Dr. Ken Klemow*-Chair of the Education/Science Committee for his document to include in the Plan Update
- Provided *Trish Attardo*, Watershed Program Specialist, in the Watershed Support Section of PA DEP, Chesapeake Bay Office with a Highlighted Program Summary of EPCAMR's work in the region and on our mine mapping efforts for the 2021 Annual Report
- EPCAMR completed a [survey](#) provided by the Alliance for the Chesapeake Bay and Choose Clean Water Coalition, in collaboration with the National Fish and Wildlife Foundation, to conduct an assessment to establish a baseline understanding of the capacity of nonprofit organizations working to protect and restore the Chesapeake Bay and its rivers and streams.