



**Report on the Abandoned Mine Land
Economic Revitalization (AMLER) Program
for Fiscal Year 2016 - Fiscal Year 2022**

*Prepared by the Office of Surface Mining
Reclamation and Enforcement (OSMRE)*

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I. Introduction and Background

Congress has authorized and appropriated funding for the Abandoned Mine Land Economic Revitalization (AMLER) Program (previously known as the AML Pilot) for eight fiscal years (FY 2016 - FY 2023) with the purpose of reclaiming abandoned mine land (AML) to return legacy coal mining sites to productive use and foster economic and community development activities.¹ The Office of Surface Mining Reclamation and Enforcement (OSMRE) administers the AMLER Program and provides eligible states and Tribes with grants and guidance² on project eligibility criteria and reporting requirements.

As of November 30, 2022, OSMRE’s Program Support Directorate (PSD) has reviewed and vetted 266 AMLER project applications selected by states and Tribes to verify and assist with project eligibility. The status of all projects reviewed by OSMRE PSD is provided in *Figure 1* and is broken down by the fiscal year from which the project is requesting funds.

Figure 1: Status of AMLER Projects as of November 30, 2022

Project Status	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Submitted to OSMRE PSD³	37	63	63	48	40	15	0	266
Returned as Ineligible	2	2	1	0	1	0	0	6
Tabled by State/Tribe⁴	5	9	4	1	2	0	0	21
Preliminary Approval⁵	35	61	62	47	35	10	0	250
Authorization to Proceed (ATP)	32	47	46	26	13	4	0	168
Construction Started	29	44	29	8	3	0	0	113
Project Completed	23	24	10	3	0	0	0	60
Total Active Projects⁶	30	52	58	47	37	15	0	239

¹ Although Congress has appropriated funding for the AMLER program through FY 2023, this report over covers activity through the FY 2022 grant.

² [Guidance for Project Eligibility Under the Abandoned Mine Land Economic Revitalization Program for FY 2023](#) (AMLER Guidance Document)

³ Seven of the submitted projects (two requesting FY 2020 AMLER funds and five requesting FY 2021 AMLER funds) were under OSMRE PSD review as of November 30, 2022

⁴ The status that each tabled project reached before being tabled is accounted for in the table:

- All five tabled projects requesting FY 2016 AMLER funds had received preliminary approval, of which, two also received an ATP before being tabled by the state.
- All nine tabled projects requesting FY 2017 AMLER funds had received preliminary approval, of which, one also received an ATP and started construction before being tabled by the state.
- All four tabled projects requesting FY 2018 AMLER funds had received preliminary approval, of which, one also received an ATP before being tabled by the state.
- The one tabled project requesting FY 2019 AMLER funds was tabled by the state before preliminary approval was issued.
- The two tabled projects requesting FY 2020 AMLER funds were tabled by the state before preliminary approval was issued.

⁵ Preliminary approval from OSMRE confirms that a project is eligible to receive AMLER funds based on the criteria described in the AMLER Guidance Document and other Federal regulations (e.g. 2 CFR part 200, etc.).

⁶ The number of active projects is calculated based on subtracting the projects "Returned as Ineligible" and the projects "tabled by State/Tribe" from the projects "Submitted to OSMRE PSD".

The amount of funding provided each year to each recipient state and Tribe is shown in Figure 2. Figures 3, 4, and 5 show the total amount of funding provided to each state and Tribe over the life of the AMLER program, the number of active projects per state per year, and the number of each type of project funded by year, respectively. Figure 6 shows the process for AMLER projects.

The AMLER Program for FY 2016 was enacted by the [Consolidated Appropriations Act, 2016](#) (Public Law 114-113) on December 18, 2015. It provided \$90 million of U.S. Treasury funds (\$30 million each) to the three Appalachian state AML Programs (Kentucky, Pennsylvania, and West Virginia) (*Figure 2*) with the highest amount of unfunded coal-related problems that are classified as Priority 1 (P1) and Priority 2 (P2) abandoned mine lands sites inventoried in the Enhanced Abandoned Mine Land Inventory System (e-AMLIS). As of November 30, 2022, OSMRE PSD has reviewed 37 AMLER project applications submitted by states that are requesting FY 2016 AMLER funds. Two of those projects were determined to not meet the AMLER eligibility criteria. OSMRE has issued preliminary approval for the remaining 35 projects (confirming their eligibility to receive AMLER funds) and issued an authorization to proceed (ATP) for 32 of the 35 projects (documenting that all criteria have been met to begin construction) (*Figure 1*). Of the 35 projects, 5 have been tabled by the states (all 5 had received preliminary approval and 2 had also received an ATP). Of the remaining 30 active projects, (9 in Kentucky, 14 in Pennsylvania, and 7 in West Virginia) (*Figure 4*), 29 have commenced work on-site, and 23 have been completed (*Figure 1*). The 30 active projects utilizing FY 2016 AMLER funds can be categorized as the following: production/commercial (6), infrastructure (7), recreation/tourism (14), education/training (2), and multi-purpose (1) (*Figure 5*).

The FY 2017 AMLER Program was enacted on May 5, 2017, under the [Consolidated Appropriations Act, 2017](#) (Public Law 115-31). It provided \$105 million of U.S. Treasury funds to the six Appalachian states with the highest amount of unfunded P1 and P2 coal-related problems. The three states with the highest amount of unfunded coal-related problems each received \$25 million (Kentucky, Pennsylvania, and West Virginia) and the three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10 million (Alabama, Ohio, and Virginia) (*Figure 2*). As of November 30, 2022, OSMRE PSD has reviewed 63 AMLER project applications submitted by states that are requesting FY 2017 AMLER funds. Two of those projects were determined to not meet the AMLER eligibility criteria. OSMRE has issued preliminary approval for the remaining 61 projects and issued an ATP for 47 of the 61 projects (*Figure 1*). Of the 61 projects, 9 have been tabled by the states (all 9 had received preliminary approval and 1 had also received an ATP and started construction). Of the remaining 52 active projects, (12 in Kentucky, 13 in Pennsylvania, 10 in West Virginia, 3 in Alabama, 8 in Ohio, and 6 in Virginia) (*Figure 4*), 43 have commenced work on-site,⁷ and 24 have been completed (*Figure 1*). The 52 active projects utilizing FY 2017 AMLER funds can be categorized as the following: production/commercial (10), infrastructure (12), recreation/tourism (24), education/training (2), and multi-purpose (4) (*Figure 5*).

The FY 2018 AMLER Program was enacted on March 23, 2018, under the [Consolidated Appropriations Act, 2018](#) (Public Law 115-141). It provided \$115 million of U.S. Treasury funds to the six Appalachian states with the highest amount of unfunded coal-related problems and three Tribes with AML Programs. The three Appalachian states with the highest amount of unfunded

⁷ *Figure 1* notes that construction has started on 44 projects, however this includes one of the tabled projects. Therefore there are 43 active projects that have started construction.

coal-related problems each received \$25 million (Kentucky, Pennsylvania, and West Virginia). The three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10 million (Alabama, Ohio, and Virginia). The three Tribes with AML Programs each received \$3.33 million (Crow Tribe, Hopi Tribe, and Navajo Nation) (*Figure 2*). As of November 30, 2022, OSMRE PSD has reviewed 63 AMLER project applications submitted by states and Tribes that are requesting FY 2018 AMLER funds. One of those projects was determined to not meet the AMLER eligibility criteria. OSMRE has issued preliminary approval for the remaining 62 projects and issued an ATP for 46 of the 62 projects (*Figure 1*). Of the 62 projects, 4 have been tabled by the states (all 4 had received preliminary approval and 1 had also received an ATP). Of the remaining 58 active projects, (11 in Kentucky, 13 in Pennsylvania, 13 in West Virginia, 5 in Alabama, 4 in Ohio, 10 in Virginia, 1 with the Crow Tribe, and 1 with the Navajo Nation) (*Figure 4*), 29 have commenced work on-site, and 10 have been completed (*Figure 1*). The 58 active projects utilizing FY 2018 AMLER funds can be categorized as the following: production/commercial (12), infrastructure (12), recreation/tourism (29), education/training (1), and multi-purpose (4) (*Figure 5*).

The FY 2019 AMLER Program was enacted on February 15, 2019, under the [Consolidated Appropriations Act, 2019](#) (Public Law 116-6). It provided \$115 million of U.S. Treasury funds to the six Appalachian states with the highest amount of unfunded coal-related problems and three Tribes with AML Programs. The three Appalachian states with the highest amount of unfunded coal-related problems each received \$25 million (Kentucky, Pennsylvania, and West Virginia). The three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10 million (Alabama, Ohio, and Virginia). The three Tribes with AML Programs each received \$3.33 million (Crow Tribe, Hopi Tribe, and Navajo Nation) (*Figure 2*). As of November 30, 2022, OSMRE PSD has reviewed 48 AMLER project applications submitted by states and Tribes that are requesting FY 2019 AMLER funds. One of those projects was tabled by the state before OSMRE completed its review. OSMRE has issued preliminary approval for the remaining 47 projects and issued an ATP for 26 of the 47 projects (*Figure 1*). Of the remaining 47 active projects, (12 in Kentucky, 10 in Pennsylvania, 10 in West Virginia, 4 in Alabama, 4 in Ohio, 6 in Virginia, and 1 with the Navajo Nation) (*Figure 4*), 8 have commenced work on-site, and 3 have been completed (*Figure 1*). The 47 active projects utilizing FY 2019 AMLER funds can be categorized as the following: production/commercial (9), infrastructure (12), recreation/tourism (24), education/training (1), and multi-purpose (1) (*Figure 5*).

The FY 2020 AMLER Program was enacted on December 20, 2019, under the [Further Consolidated Appropriations Act, 2020](#) (Public Law 116-94). It provided \$115 million of U.S. Treasury funds to the six Appalachian states with the highest amount of unfunded coal-related problems and three Tribes with AML Programs. The three Appalachian states with the highest amount of unfunded coal-related problems each received \$25 million (Kentucky, Pennsylvania, and West Virginia). The three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10 million (Alabama, Ohio, and Virginia). The three Tribes with AML Programs each received \$3.33 million (Crow Tribe, Hopi Tribe, and Navajo Nation) (*Figure 2*). As of November 30, 2022, OSMRE PSD has received 40 AMLER project applications submitted by states that are requesting FY 2020 AMLER funds. One of those projects was determined to not meet the AMLER eligibility criteria and another two were tabled by the state before OSMRE completed its review. Of the 37 remaining projects, OSMRE is reviewing two applications, has issued preliminary approval for 35 projects, and has issued an ATP for 13 of the 37 projects (*Figure 1*). Of the 37 active projects, (9 in Kentucky, 12 in Pennsylvania, 7 in West Virginia, 2 in Alabama, 3 in Ohio, and 4 in Virginia, (*Figure 4*), 3 have commenced work on-site,

and none have been completed (*Figure 1*). The 37 active projects can be categorized as the following: production/commercial (12), infrastructure (6), recreation/tourism (17), education/training (1), and multi-purpose (1) (*Figure 5*).

The FY 2021 AMLER Program was enacted on December 27, 2020, under the [Consolidated Appropriations Act, 2021](#) (Public Law 116-260). It provided \$115 million of U.S. Treasury funds to the six Appalachian states with the highest amount of unfunded coal-related problems and three Tribes with AML Programs. The three Appalachian states with the highest amount of unfunded coal-related problems each received \$25 million (Ohio, Pennsylvania, and West Virginia). The three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10 million (Alabama, Kentucky, and Virginia). The three Tribes with AML Programs each received \$3.33 million (Crow Tribe, Hopi Tribe, and Navajo Nation) (*Figure 2*). As of November 30, 2022, OSMRE PSD has received 15 AMLER project applications submitted by states that are requesting FY 2021 AMLER funds. OSMRE is reviewing five of these applications, has issued preliminary approval for ten projects, and has issued an ATP for 4 of the 15 projects (*Figure 1*). Of the 15 active projects, (2 in Kentucky, 4 in Pennsylvania, 6 in West Virginia, 2 in Alabama, and 1 in Ohio) (*Figure 4*), none have commenced work on-site or been completed (*Figure 1*). The 15 active projects utilizing FY 2021 AMLER funds can be categorized as the following: production/commercial (5), infrastructure (1), and recreation/tourism (9) (*Figure 5*).

The FY 2022 AMLER Program was enacted on March 15, 2022, under the [Consolidated Appropriations Act, 2022](#) (Public Law 117-103). It provided \$122.5 million of U.S. Treasury Funds to the six Appalachian states with the highest amount of unfunded coal-related problems and three Tribes with AML Programs. The three Appalachian states with the highest amount of unfunded coal-related problems each received \$26.63 million (Kentucky, Pennsylvania, and West Virginia). The three Appalachian states with the subsequent highest amount of unfunded coal-related problems each received \$10.652 million (Alabama, Ohio, and Virginia). The three Tribes with AML Programs each received \$3.551 million (Crow Tribe, Hopi Tribe, and Navajo Nation) (*Figure 2*). As of November 30, 2022, OSMRE PSD has not yet received any AMLER project applications requesting FY 2022 AMLER funds.

AMLER funding from FY 2016 through FY 2022 totals \$777.5 million, of which Kentucky has received \$166.63 million (22%), Pennsylvania has received \$181.63 million (23%), West Virginia has received \$181.63 million (23%), Alabama has received \$60.65 million (8%), Ohio has received \$75.65 million (10%), Virginia has received \$60.65 million (8%), the Crow Tribe has received \$16.87 million (2%), the Hopi Tribe has received \$16.87 million (2%), and the Navajo Nation has received \$16.87 million (2%) (*Figure 3*). The 239 active AMLER projects are expected to leverage an estimated additional \$0.96 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds.

The rest of this report describes initiatives and laws related to the AMLER Program (*Section II*), the status of projects (*Section III*), implementation actions as of November 30, 2022 (*Sections IV - X*), and next steps (*Section XI*).

Figure 2: Appropriated AMLER Funding (Millions of Dollars) by Fiscal Year Appropriation

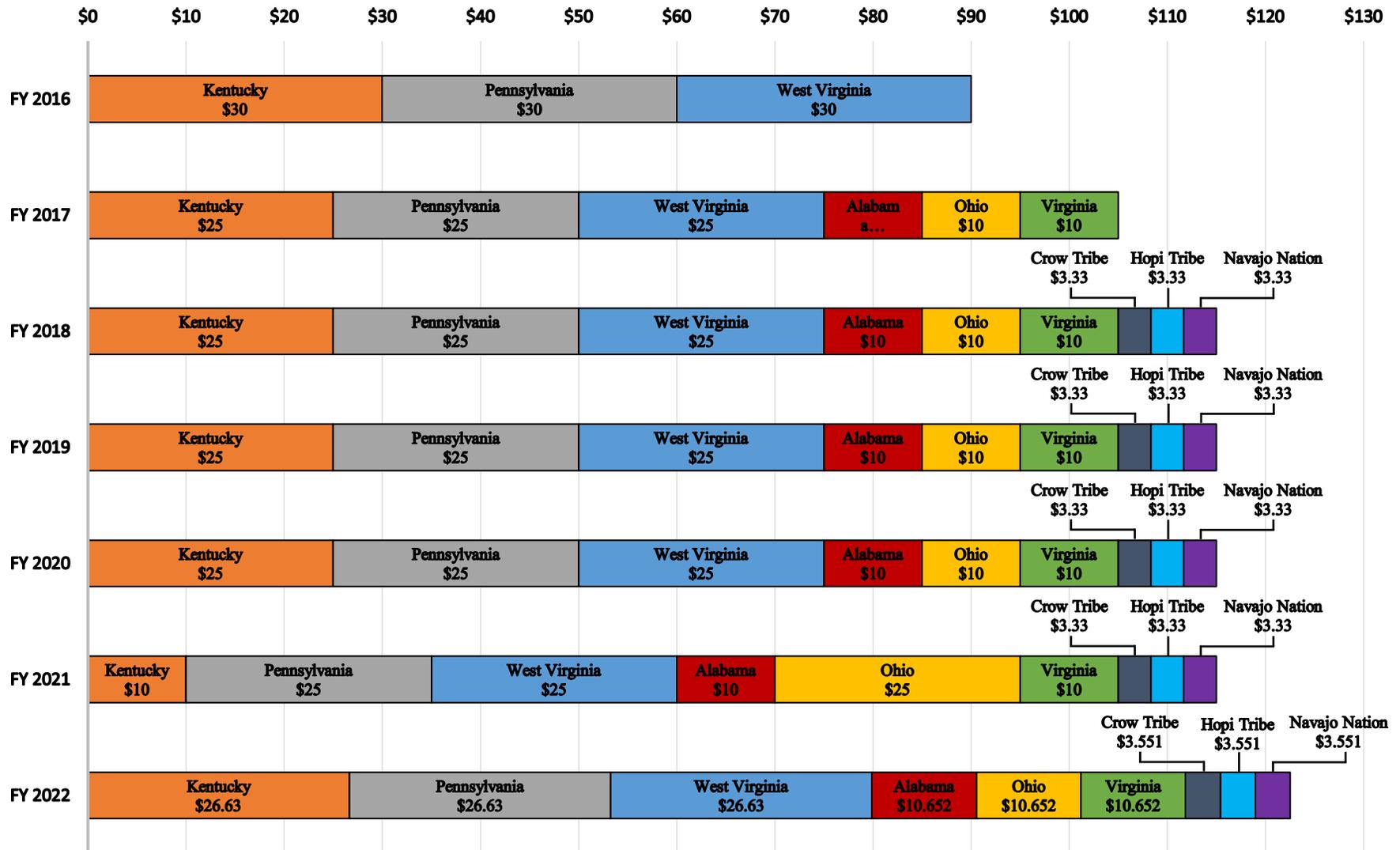


Figure 3: \$777.5 Million in total AMLER Funding (FY 2016 - FY 2022) by Recipient (Millions of Dollars)

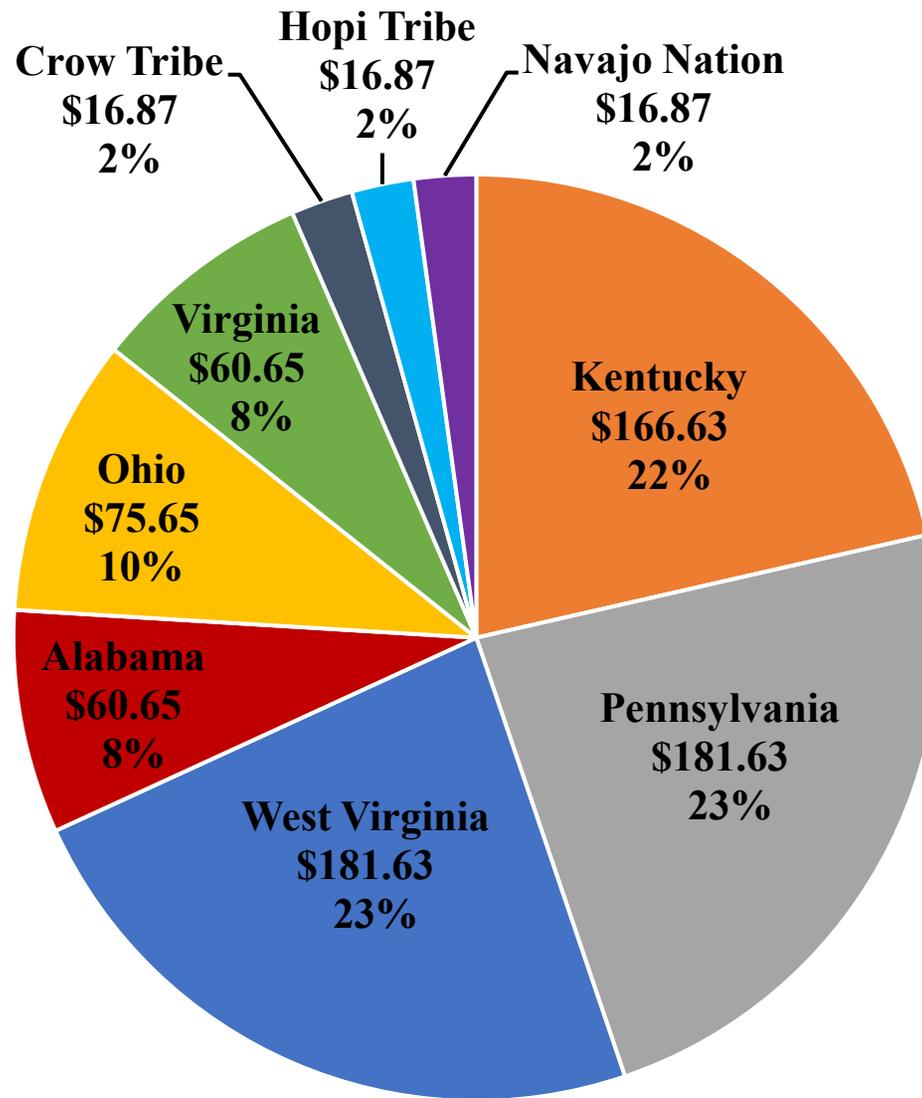


Figure 4: 239 Active AMLER Projects by Fiscal Year Appropriation as of November 30, 2022

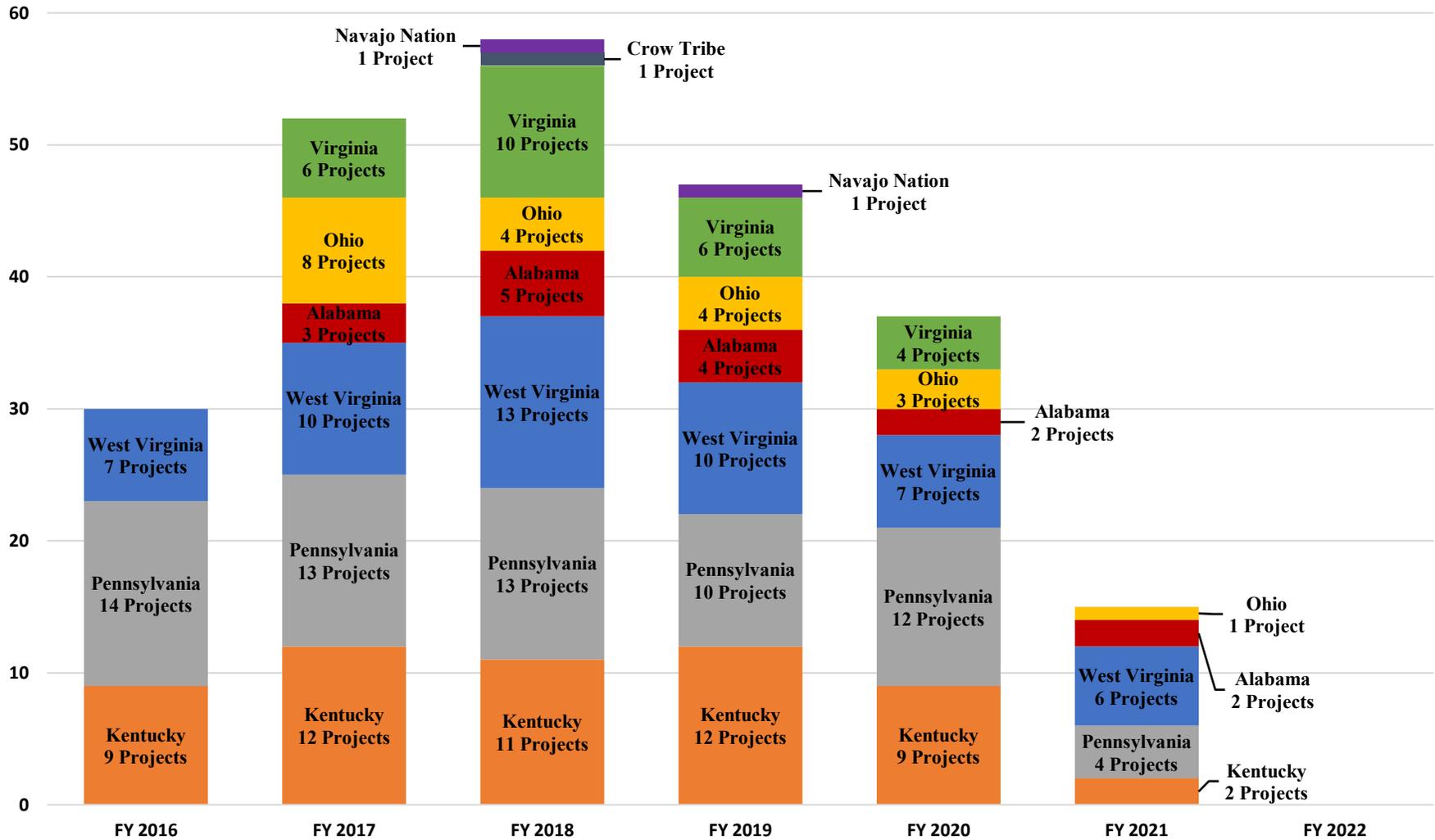


Figure 5: Categorization of Active AMLER Projects by Fiscal Year Appropriation

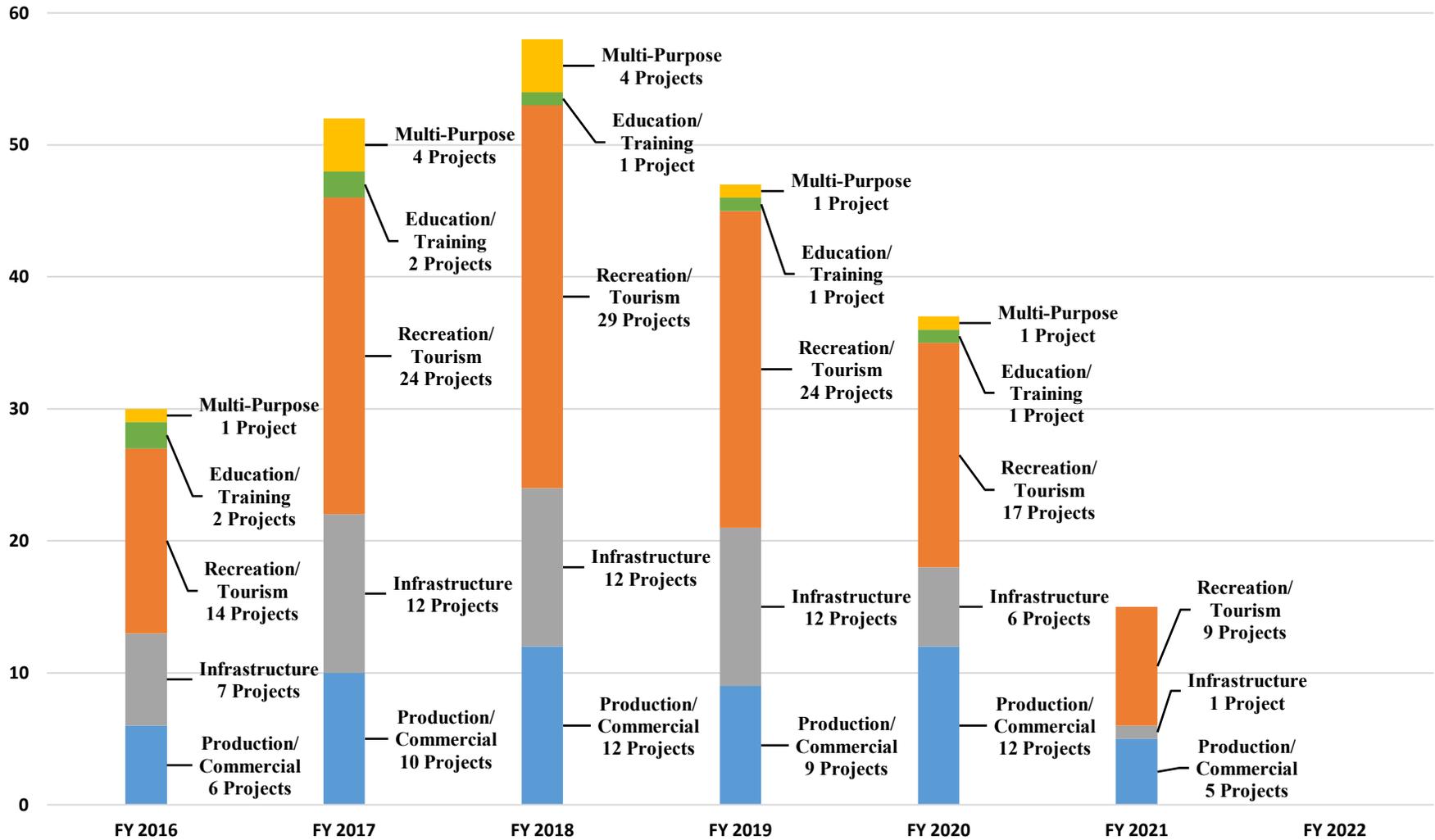
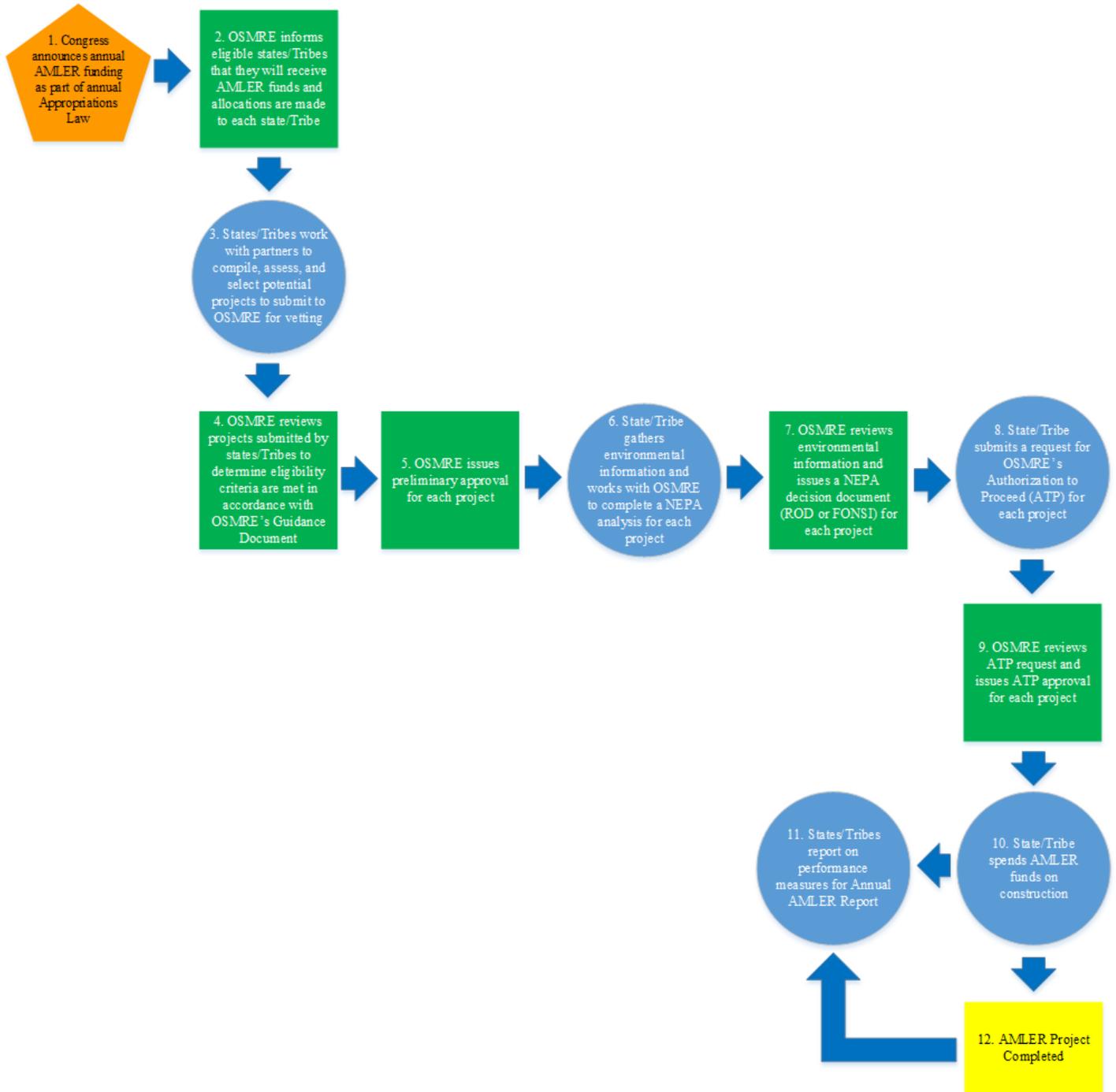


Figure 6: Process for the AMLER Program



II. Initiatives and Laws Related to the AMLER Program

Justice40

The Justice40 Initiative, established by President Biden in Executive Order 14008 (January 27, 2021), made it a goal that disadvantaged communities⁸ receive 40 percent of the overall benefits of certain Federal investments. The AMLER Program, as a Justice40 Covered Program, promotes the goals of the Justice40 Initiative. To this end, and to ensure that people are given a voice in economic and community redevelopment opportunities being funded by the AMLER Program, state/Tribal AML Programs are encouraged to use best practices for public engagement in the solicitation, selection, development, and reporting of AMLER projects. Such practices include public meetings, maintaining a dedicated AMLER webpage with outreach information, using print and social media, and partnering with organizations that facilitate public outreach and communication, including state, Tribal, and local economic development programs. Tools to identify disadvantaged communities are available from the Council on Environmental Quality (CEQ) - screeningtool.geoplatform.gov and the Environmental Protection Agency (EPA) - ejscreen.epa.gov/mapper.

Infrastructure Investment and Jobs Act

The Infrastructure Investment and Jobs Act (IIJA) (Pub. L. No. 117-58), also known as the Bipartisan Infrastructure Law (BIL), was enacted on November 15, 2021. The BIL authorized and appropriated approximately \$10.873 billion for OSMRE to distribute as BIL AML reclamation grants to eligible states and Tribes on an equal annual basis (approximately \$725 million a year) over a 15-year period. In accordance with Executive Order 14008, states and Tribes are encouraged to prioritize projects that equitably provide funding under the Justice40 Initiative towards meeting the goal that 40 percent of the overall benefits flow to disadvantaged communities. BIL funds can be used to supplement and expand funding opportunities for AMLER projects where appropriate.

Build America, Buy America Act

The Build America, Buy America (BABA) Act applies to the AMLER Program and requires the head of each Federal agency to ensure that "none of the funds made available for a Federal financial assistance program for infrastructure . . . may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States." Pub. L. No. 117-58, § 70914. The BABA Act allows the head of each Federal agency to waive its requirements under certain circumstances. A general applicability waiver was approved for DOI on July 13, 2022, which expired on January 12, 2023. Unless additional waivers are obtained in the future, as of January 13, 2023, BABA Act requirements apply to all AMLER subawards, contracts, and purchase orders for work or products.

III. Current Status of Projects by Fiscal Year and State/Tribe

As of November 30, 2022, OSMRE has confirmed that 239 of the 266 reviewed projects are complete or currently active. The 27 remaining projects were either returned to the state an

⁸ Disadvantaged communities are those that have been historically marginalized and overburdened by pollution and underinvestment in housing, transportation, water and wastewater infrastructure, and healthcare.

ineligible as submitted (6) or were tabled by the state (21) for various reasons (e.g., to secure additional funds, pending negotiations with partners, or withdrawn application).

OSMRE PSD reviews AMLER project applications on a rolling-basis to efficiently provide feedback to each state and Tribe. Once an AMLER project has received OSMRE's preliminary approval, project proponents may continue working with their state, Tribal, and local development authorities to secure other private and public funding, finalize design and planning approvals/permits, resolve land acquisitions (if applicable), and address access issues. Before utilizing AMLER funds, project proponents work with the state/Tribal AML Programs to prepare and submit a scope of work to OSMRE that includes site-specific details, project timelines, and completed environmental documents, such as those needed to support compliance with the National Environmental Policy Act (NEPA). Once this informational package is submitted to OSMRE, the Bureau will review and grant an authorization to proceed (ATP) based on the site-specific information and compliance with the [OSMRE NEPA Handbook](#). The ATP allows each state/Tribal AML Program to make subawards and contracts for the expenditure of AMLER funds. As of November 30, 2022, the status of the 239 active projects was as follows: 7 projects under OSMRE PSD Review, 68 projects with OSMRE's preliminary approval, 52 projects with OSMRE's ATP, 52 projects had commenced work on-site, and 60 projects had been completed.

Sections IV - X of this report detail the 266 projects that have been submitted to OSMRE PSD (63 from Kentucky, 74 from Pennsylvania, 59 from West Virginia, 16 from Alabama, 22 from Ohio, 29 from Virginia, 1 from the Crow Tribe, and 2 from the Navajo Nation). Based on the projected amounts for AMLER funding for these selected project proposals, all six state and three Tribal AML Programs are at or near their grant threshold for each AMLER grant. However, funds projected for each AMLER project are subject to change based on the needs of the project and the program.

IV. Implementation of the FY 2016 AMLER Program

OSMRE facilitated a meeting on February 24, 2016, in West Virginia with state AML Program staff from Kentucky, Pennsylvania and West Virginia to obtain input on the implementation on the AMLER Program. A second meeting was held on March 16, 2016, in Lexington, Kentucky to solicit input from additional stakeholders on the AMLER Program. OSMRE also participated in workshops with economic development organizations convened by the Appalachian Regional Commission (ARC) in the three states to provide information about the AMLER Program and to encourage state and local economic developers to identify opportunities to align and leverage their efforts with AML reclamation projects.

OSMRE released the *FY 2016 AML Pilot Guidance Document* on May 2, 2016. That guidance document was developed by OSMRE to assist states in their selection of projects by outlining general criteria by which potential projects should be evaluated for eligibility and selection. It also suggested means by which projects could meet the economic and community development nexus criteria. Between June and September 2016, OSMRE awarded the FY 2016 AMLER grants (\$30 million to each Kentucky, Pennsylvania, and West Virginia).

Figure 7: Status of Active FY 2016 AMLER Projects

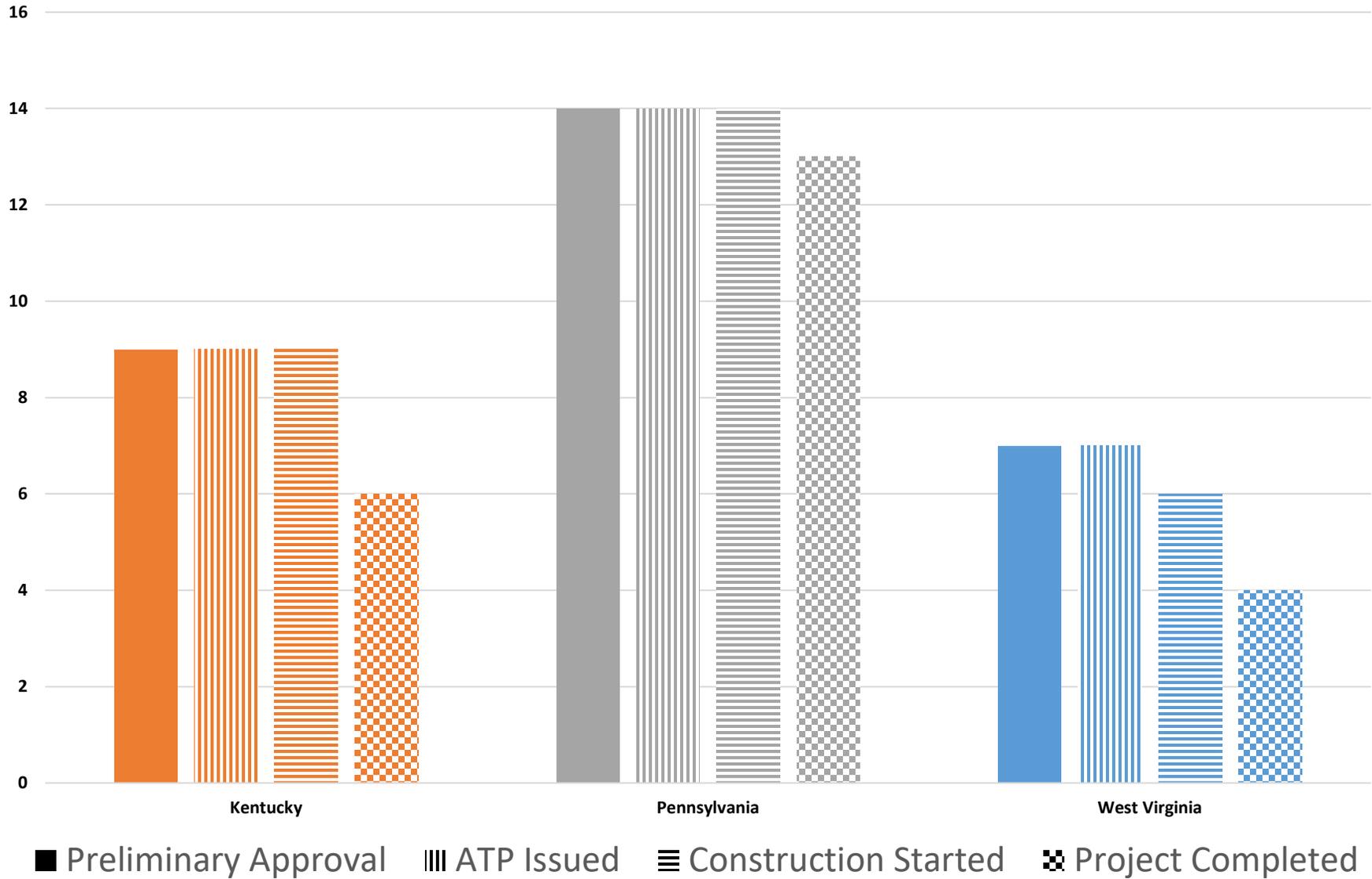


Figure 8: Map of Active Projects in Kentucky Receiving FY 2016 AMLER Funds

- 1. Appalachian Wildlife Center – Bell County
- 2. East Kentucky Advanced Manufacturing Institute (Phase I) – Johnson County
- 3. Hazard Community and Technical College Utility Training Program – Perry County
- 4. Impact Outdoor Adventure (Phase I) – Clay County
- 5. Marion Branch Industrial Park – Pike County
- 6. Portal 31 and Other Improvements – Harlan County
- 7. Prestonsburg to David (Rails to Trails) – Floyd County
- 8. South Fork Elk View Water Line and Campground – Breathitt County
- 9. Royalton Trail Town Development – Magoffin County



FY 2016 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of 12 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2016 AMLER grant. Two of those projects did not meet the AMLER eligibility criteria and applicants were referred to other potential funding sources that better aligned with the projects' objective. OSMRE issued preliminary approval for the other ten projects, one of which has been tabled by Kentucky. The nine remaining projects are currently active and have been awarded a portion of Kentucky's \$30 million FY 2016 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER Report are marked as an "Update" for each project in the list below.

Located across nine counties in eastern Kentucky (*Figure 8*), the nine active FY 2016 AMLER projects include one infrastructure project, one production/commercial project, two professional training/education projects, and five point-of-interest/tourism projects. The projected combined benefits for these projects are: 345 direct jobs created/retained, 1.062 million visitors attracted to points of interest (with more expected as development is completed), 45.4 miles of public trails constructed, workforce training for 104 students annually, and 33,425 linear feet of infrastructure development. The nine active AMLER projects are expected to leverage an estimated additional \$2.87 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2016 AMLER Funds

Appalachian Wildlife Center

Status: Preliminary OSMRE approval (8/26/16) - OSMRE final approval ATP issued (5/1/18) - Construction started (5/30/18)

Location: Bell County, Kentucky

Requested AMLER Funding: \$12.5 million

Additional Funding: \$44.7 million from project partners (including \$23,575,000 from USDA, \$8,127,000 from a TIF Bond with Bell County, \$7,000,000 from the State of Kentucky, \$400,000 from an equipment credit line, \$300,000 from the James Graham Brown Foundation, and \$5,298,000 from other grants, donations, and loans).

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: Appalachian Wildlife Foundation, Eastern Kentucky PRIDE, Inc., Bell County Fiscal Court, Appalachian Regional Commission, Cornell Lab of Ornithology, Kentucky Ornithological Society, Shaping Our Appalachian Region, and the Kentucky Department of Fish & Wildlife

Update: Additional funding increased from \$10 million to \$44.7 million, and updates were made to the list of partners and expected benefits (estimated annual visitors increased from 600,000 to 990,000, the estimated economic impact increased from \$124 million to \$202 million, the estimated number of direct jobs created increased from 94 to 210, and the estimated number of indirect jobs increased from 2,000 to 3,300). As of September 30, 2022, the main building site preparation work has been completed and the water and electric utility infrastructure are being installed. The Kentucky Department of Fish and Wildlife Resources has completed the trapping and relocation of 241 elk to the site.

This project is constructing the Appalachian Wildlife Center which features the largest elk restoration and viewing effort in the United States (246-acres) and is projected to bring \$124 million

into the regional economy. The facility will include: a visitor center with a museum and theater, auto tour loop, trails over 19 square miles, and a wildlife and nature preserve on 12,000 acres of previously mined land. The site is expected to attract over 990,000 annual visitors, directly reach over 100,000 students in the region as part of its educational program, and spur future growth and diversification of the local economy. The Wildlife Center will directly employ 210 people at well-paying salaries and will result in the indirect creation of over 3,300 regional jobs.



Construction of the Appalachian Wildlife Center Building
Photo Credit: Kentucky Energy and Environment Cabinet Website

East Kentucky Advanced Manufacturing Institute (eKAMI) (Phase 1) - Completed

Status: Preliminary OSMRE approval (9/14/16) - OSMRE final approval ATP issued (4/19/17) - Construction started (5/1/17) - Project completed (6/17/21)

Location: Johnson County, Kentucky

Requested AMLER Funding: \$2.5 million

Additional Funding: \$3.125 million from project partners (including \$1.5 million from the Gene Haas Foundation and the Haas Factory Outlet, \$1,500,000 from an Appalachian Regional Commission POWER Grant, and \$125,000 from Kentucky Power).

AML Site Info: Priority 3 unreclaimed

Project Partners: Eastern Kentucky Advanced Manufacturing Institute, Big Sandy Area Development District, City of Paintsville, Eastern Kentucky Concentrated Employment Program, Kentucky Power

Update: Added \$3.125 million in additional funding from other sources and updated the list of partners. The project summary has been updated to reflect the number of graduates.

This project has constructed the East Kentucky Advanced Manufacturing Institute (eKAMI). eKAMI operates and maintains a training center that provides certification for computer numeric controlled (CNC) systems used in advanced manufacturing. Immediate beneficiaries include students (many former coal industry employees) and regional employers seeking qualified CNC machinists. The building was opened on February 20, 2018, but additional improvements to the building and site with FY 2016 AMLER funds continued and were completed on June 17, 2021. As of November 30, 2022, 218 students have graduated the program (approximately 50 per year) and have obtained industry credentials in CNC machining.



Completed eKAMI building opened on February 20, 2018

Harlan Wood Products Project – Tabled by Kentucky

Status: Preliminary OSMRE approval (10/31/16) - Tabled by Kentucky in 2018

Location: Harlan County, Kentucky

Requested AMLER Funding: N/A – Originally requested \$2.5 million

Additional Funding: N/A

AML Site Info: Priority 3 previously reclaimed

Project Partners: Harlan Wood Products LLC

This project has been tabled by Kentucky but originally proposed to construct the infrastructure, road access, and water storage facilities for the new Harlan Wood Products production center that would produce wood pellets to be sold as biomass fuel. Approximately 75,000 tons of wood pellets would have been produced annually at this facility for export to international markets. This project would have directly employed 30-35 people and resulted in approximately 60 new indirect jobs.

Hazard Community and Technical College (HCTC) Utility Training Program (Phase 1)⁹ – Completed

Status: Preliminary OSMRE approval (11/17/16) - OSMRE final approval ATP issued (8/17/18) - Construction started (11/1/18) - Project completed (3/14/22)

Location: Leslie County, Kentucky

Requested AMLER Funding: \$1.15 million

Additional Funding: \$180,000 as in-kind value from the City of Hyden

AML Site Info: Priority 3 unreclaimed

Project Partners: Hazard Community & Tech College and Big Sandy Community & Tech College

Update: Added \$180,000 in funding from the City of Hyden and updated the project summary based on the number of graduates.

This project has established an electrical lineman training program through the Kentucky Community and Technical College System (KCTCS). Workers are being trained to earn commercial driver's licenses (CDL), and how to splice dark fiber and use of fiber optics. The field lab for the training program is located adjacent to AML sites and is being utilized for practical training experience. As of November 30, 2022, 26-32 CDL students and 26 lineman students are graduating the program per year (primarily displaced former coal miners). These graduates are estimated to generate at least \$15 million in wages over 5 years.



Completed HCTC Lineman Training Facility

⁹ Project title previously reported as “Lineman Training”

Impact Outdoor Adventure (Phase 1) - Completed

Status: Preliminary OSMRE approval (9/23/16) - OSMRE final approval ATP issued (12/8/17) - Construction started (5/1/18) - Project completed (9/30/20)

Location: Clay County, Kentucky

Requested AMLER Funding: \$500,000

Additional Funding: \$9,100 from Operation Unite

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: Operation UNITE and the Clay County Industrial Board

Update: Metrics for phase 1 have been revised based actual costs and the scope of later phases. Funding from other sources increased from \$5,000 to \$9,100.

Impact Outdoor Adventures (non-profit organization) has created an Outdoor Adventure Park for mountain bikes adjoining 15 miles of existing trails on a 47-acre tract donated by the Clay County Industrial Board. This first phase of the project has installed and upgraded infrastructure including drainage pipes, ditches, an entrance road, privacy gate, 1,425 linear feet of waterline, and water and electrical service to 25 camp sites. Additionally, this phase started work on 838 linear feet of 8” sewer pipe, 4,428 linear feet of 3” sewer pipe, and a sewer grinder/pump station. Later phases, (funded by FY 2017 and FY 2018 AMLER Program) will complete the sewer infrastructure, and added camping pads, picnic tables, access roads, swimming pool, and a bath house/check-in/store building. The total number of visitors to the site is reported under phase 3.



Completed Impact Outdoor Adventure (Phase 1)
Photo Credit: Kentucky Energy and Environment Cabinet Website

Marion Branch Industrial Park Project - Completed

Status: Preliminary OSMRE approval (9/2/16) - OSMRE final approval ATP issued (9/13/17) - Construction started (12/21/17) - Project completed (4/17/19)

Location: Pike County, Kentucky

Requested AMLER Funding: \$5 million

Additional Funding: \$34.65 million as in-kind value from the City of Pikeville

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: *City of Pikeville and Silverliner LLC*

Update: *Additional funds decreased from \$43.5 million to \$34.65 million, the source of those funds was specified as the City of Pikeville, the list of partners was revised to represent direct partners, the construction start date was adjusted from 1/2/18 to 12/21/17, and the summary was corrected to focus on the benefits provided by the industrial building.*

This project expanded the Marion Branch Industrial Park with the construction of a 60,000 square foot speculative industrial building, broadband conduit, and foundation fill. The speculative building is currently occupied by a business (Appalachian Tank – which manufactures tanker and utility trucks) and supports approximately 50 full-time employees. The broadband conduit provides high speed internet to the industrial park which is supported with tens of millions of in-kind value committed by the City of Pikeville. The infrastructure provided by the project can attract additional companies to the area, resulting in a stronger local economy and long-term stability of the community. Project developers expect to attract over 1,000 additional well-paying jobs to the area.



Completed 50,000 Square Foot Industrial Building

Portal 31 and Other Improvements¹⁰

Status: *Preliminary OSMRE approval (9/27/18) - OSMRE final approval ATP issued (7/26/21) - Construction started (8/31/21)*

Location: *Harlan County, Kentucky*

Requested AMLER Funding: *\$2.55 million*

Additional Funding: *\$ 717,500 from project partners (including \$50,000 from the Harlan County Coal Severance Funds and \$667,500 as in-kind value from the City of Harlan).*

AML Site Info: *Priority 3 unreclaimed*

Project Partners: *Harlan County Fiscal Court (Harlan County tourism Commission), Meridzo Center, Inc., Penn Virginia Corporation, and the Kentucky State Nature Preserves Commission*

Update: *The Black Mountain High Point aspect of the project is pending additional review by Kentucky and has been removed from the project title and summary for the time being.*

This project will provide needed upgrades to the Portal 31 Exhibition Mine and construct the Lynch Bathhouse and Administrative Building. The Portal 31 Mine will involve structural work and cleanup of the mine tunnel, upgrades to the current exhibits, and expansion to include new and

¹⁰ Previously reported as “Portal 31 and Black Mountain High Point Project”

additional tours. The adjacent Lynch Bathhouse and Administrative building will house facilities for visitors and four new businesses. In total, the economic benefit from this project includes an estimated increase in annual visitors from 6,000 to 8,000 (increasing the local economic impact by \$300,000 per year) and the retention of 45 jobs and the creation of 20 new permanent jobs (with a total impact of \$1.2 million in annual payroll).



Entrance to the Portal 31 Mine
Photo Credit: Kentucky Energy and Environment Cabinet Website

Prestonsburg to David (Rails to Trails) - Completed

Status: Preliminary OSMRE approval (6/23/17) - OSMRE final approval ATP issued (11/19/18) - Construction started (1/15/19) - Project completed (9/20/21)

Location: Floyd County, Kentucky

Requested AMLER Funding: \$1.95 million

Additional Funding: \$1,168,248 from project partners (including \$1,003,798 from the Kentucky Transportation Cabinet and \$164,450 from the City of Prestonsburg as in-kind value).

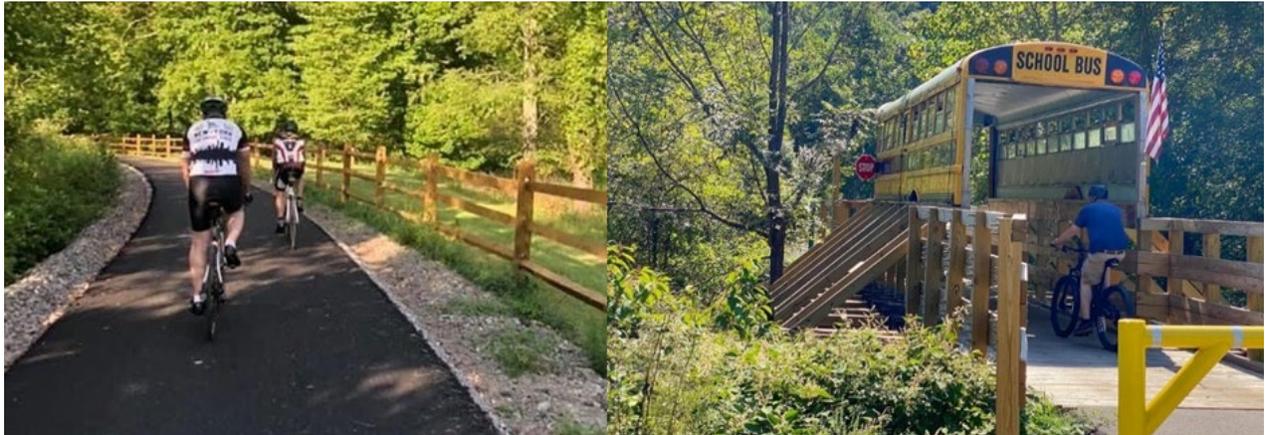
AML Site Info: Priority 3 unreclaimed

Project Partners: City of Prestonsburg and the Kentucky Transportation Cabinet

Update: Added \$1.168 million in additional funding from other sources and revised list of partners

This project purchased 11.4 miles of railway from CSX and developed it into a trail system from the city of Prestonsburg to the town of David. The trail is 10 feet wide and extends the existing Garfield Trail to connect Prestonsburg with the Middle Creek National Civil War Battlefield. In

2022, the trail averaged 70,000 visitors for the year (150 users per day during the week and 300 users per day on weekends). Visitors have access to local points of interests in proximity to the trail including: parks, golf course, art center, planetarium, community college, and other trails.



Completed Prestonsburg to David (Rails to Trails)

Royalton Trail Town Development

Status: Preliminary OSMRE approval (7/19/17) - OSMRE final approval ATP issued (11/19/18) - Construction started (3/25/19)

Location: Magoffin County, Kentucky

Requested AMLER Funding: \$1.9 million

Additional Funding: \$1.5 million from an Appalachian Regional Commission POWER Grant

AML Site Info: Priority 3 unreclaimed

Project Partners: Royalton Trail Town Inc., Kentucky Office of Adventure Tourism, Kentucky Department of Travel, Kentucky Department of Parks

Update: Revised construction start date from 10/8/19 to 3/25/19, added \$1.5 million in additional funding from ARC, and increased the number of direct jobs created from 8 to 20.

This project involves the development of 15+ acres in Royalton Kentucky along the Dawkins Line Rail Trail to encourage commercial activity and tourism. This will be accomplished by the construction of campsites, a boat ramp, a stage, recreation areas, and support facilities. The project will support further business creation/development in the area directly impacted by trail users. Completion of the project is anticipated to result in the creation of 20 jobs to operate the constructed facilities. Visitation is also expected to increase at local events including benefit events, races, trade shows, Paddle Fest, and the Royalton Trail Town Festival.

South Fork Elk View Water Line and Campground Project (Phase 1) - Completed

Status: Preliminary OSMRE approval (6/23/17) - OSMRE final approval ATP issued (2/8/19) - Construction started (3/21/19) - Project completed (5/27/21)

Location: Breathitt County, Kentucky

Requested AMLER Funding: \$1.95 million

AML Site Info: Priority 3 unreclaimed

Project Partners: Kentucky River Area Development District and the Breathitt County Water District

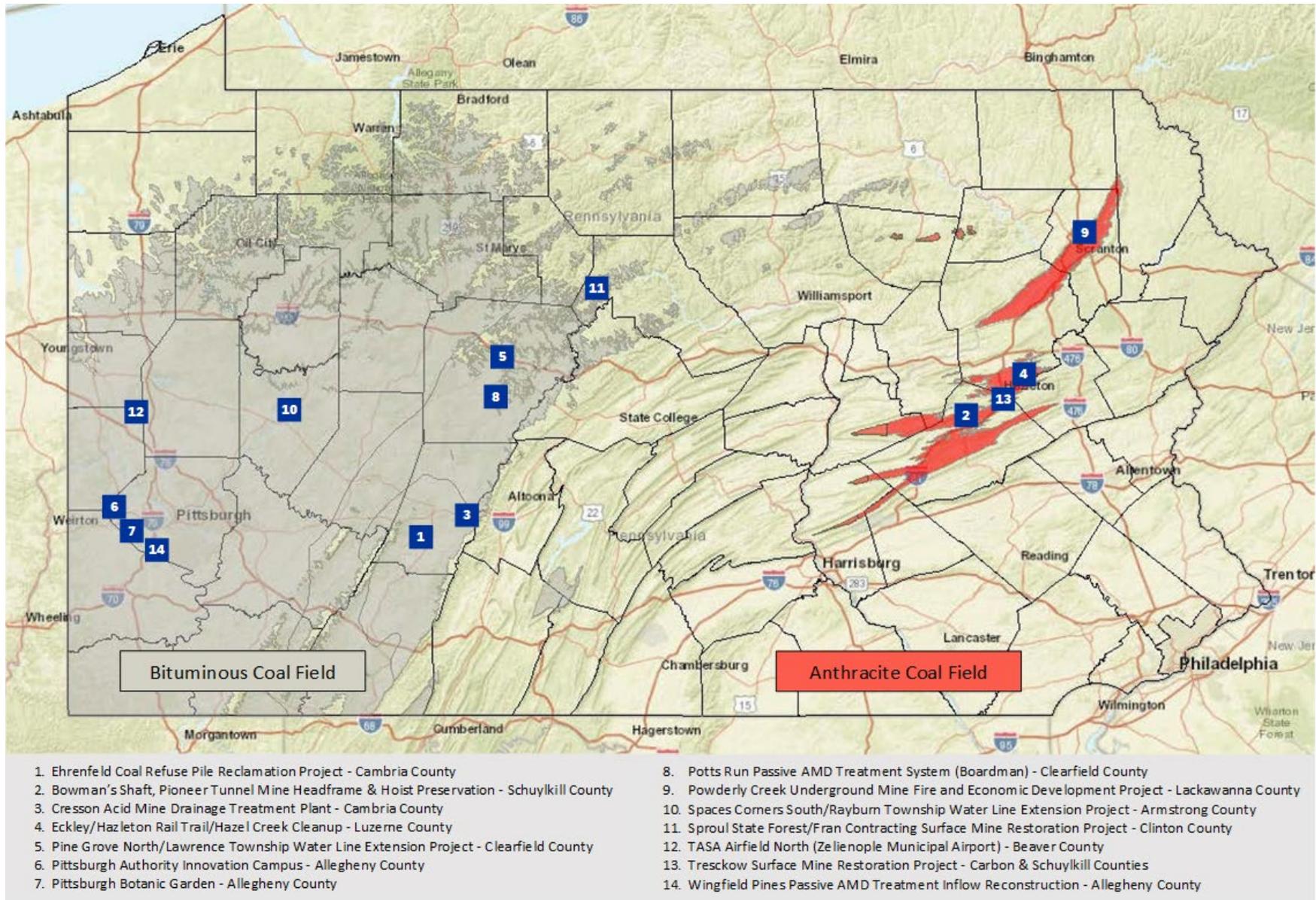
Update: Revised title and summary to reflect the multiple phases of the project.

This initial phase of the project has constructed over six miles of water supply line to the elk viewing area located on Highway 1098. Additionally, storage tanks (20,000 and 40,000 gallon) and a pump station were also constructed. This infrastructure will service a campground that is being developed with funds from the FY 2019 AMLER program.



Completed South Fork Elk View Water Line and Campground Project (Phase 1)

Figure 9: Map of Active Projects in Pennsylvania Receiving FY 2016 AMLER Funds



FY 2016 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of 17 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2016 AMLER grant (all of which received OSMRE's preliminary approval). Pennsylvania has tabled 3 of the 17 projects, therefore, 14 projects are currently active and have been awarded a portion of Pennsylvania's \$30 million FY 2016 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in ten counties across Pennsylvania (*Figure 9*), the 14 active FY 2016 AMLER projects include one multi-purpose project, two production/commercial projects, three infrastructure projects, and eight point-of-interest/tourism projects. The projected combined benefits for these projects are: 7,079 direct jobs created/retained, 135,300 visitors attracted to points of interest, 4.73 miles of public trails constructed, 477.5 acres of land reclaimed, 31.5 miles of streams reclaimed, 160,740 linear feet of utility lines constructed, and 749 households improved by new infrastructure. The 14 active AMLER projects are expected to leverage an estimated additional \$2.74 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2016 AMLER Funds

Ehrenfeld Coal Refuse Pile Reclamation Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (7/21/16) - Construction started (7/21/16) - Project completed (8/9/20)

Location: Cambria County, Pennsylvania

Requested AMLER Funding: \$4.87 million

Additional Funding: \$18.321 million from project partners (including \$17.726 million from AML fee-based funds to address physical hazards, \$500,000 from Pennsylvania Growing Greener, \$40,000 from the Foundation for Pennsylvania Watersheds, \$25,000 from the Community Foundation for the Alleghenies, \$5,000 from the Cambria County Conservation and Recreation Authority, and \$25,000 as in-kind services from the American Chestnut Foundation).

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Forest Hills Regional Alliance, Rosebud Mining Company, Pristine Resources Inc., Cambria County Conservation District, Stonycreek-Conemaugh River Improvement Project, Community Foundation for the Alleghenies, South Fork & Ehrenfeld Boroughs, Croyle Township, American Chestnut Foundation, Pennsylvania Growing Greener, and the Foundation for Pennsylvania Watersheds.

Update: AML fee-based funds increased from \$8.59 million to \$17.726 million, and funding from project partners decreased from \$13.31 million to \$595,000. The list of project partners and project summary were also revised.

This project has reclaimed the abandoned Ehrenfeld Coal Refuse Pile. A total of 3.3 million cubic yards of coal refuse material was excavated, hauled away, blended with alkaline material, and disposed of. This has eliminated severe on-site erosion, off-site sedimentation, and a source of acid mine drainage (AMD) runoff. Approximately 84.5 acres of mine impacted land have been restored and 40 dislocated coal miners were provided employment during project construction. Outdoor

recreation has been enhanced via construction of a 1.5 acre gravel parking lot and 1,200 linear feet of biking/walking trail that serves as a trailhead for the Path of the Flood Trail.



Completed Ehrenfeld Coal Refuse Pile Reclamation Project
Photo Credit: Pennsylvania Department of Environmental Protection Website

Bowman’s Shaft, Pioneer Tunnel Mine Headframe & Hoist Preservation Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (10/19/16) - Construction started (12/21/16) - Project completed (12/22/18)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$205,007

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pioneer Tunnel/Ashland Community Enterprises, SDL Construction, Keystone Anthracite, and Pagnotti Enterprises.

Update: Requested AMLER funds decreased from \$206,007 to \$205,007. The list of project partners was also revised.

This project has painted and erected a salvaged headframe and hoisting drum to exhibit at the Pioneer Tunnel Tourist Coal Mine and Museum in Ashland Borough, PA. The mining artifacts were recovered from the North Mahanoy Colliery, Park No. 1 Shaft in 2015. The museum has increased tourism and is educating visitors about the heritage of anthracite mining. According to the owners and operators of the Pioneer Tunnel Coal Mine and Steam Train Museum, the attraction has seen an increase in visitation from 2,500 in 2017 to 29,500 in 2018 and 31,000 in 2019.

Cresson Acid Mine Drainage Treatment Plant - Completed

Status: Preliminary OSMRE approval (7/13/18) - OSMRE final approval ATP issued (7/23/18) - Construction started (7/23/18) - Project completed (1/4/22)

Location: Cambria County, Pennsylvania

Requested AMLER Funding: \$2 million

Additional Funding: \$11,741,212 from project partners (including \$671,212 from AML fee-based funds to address physical hazards, \$10 million funds from PA Capital Budget Public Improvement project funding and \$1.07 million from AMD set-aside).

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Susquehanna River Basin Commission

Update: Additional funds from the PA Capital Budget Public Improvement and AMD set-aside defined as \$11.07 million (amount was previously unspecified).

This project has constructed an active AMD treatment plant that has created three jobs and restored 21.5 miles of stream that can be used as a recreational fishery. Additionally, the project has drilled two new wells to provide water to two residences and constructed 1.5 miles of water line that will service 23 residences and a medical office.

Eckley/Hazleton Rail Trail/Hazel Creek Cleanup

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (10/31/16 - Reclamation and 5/11/17 – Trail) - Construction started (11/9/16 - Reclamation) (10/3/17 - Trail) - Reclamation completed (5/4/18)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$1.98 million

Additional Funding: \$1.157 million from project partners (including \$137,223 from AML fee-based funds to address physical hazards, \$500,000 from the Pennsylvania Department of Conservation and Natural Resources, \$270,000 from Pennsylvania Department of Transportation, and \$250,000 from the Pennsylvania Department of Community & Economic Development).

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Greater Hazleton Active Civic Partnership (GHACP), Greater Hazleton Chamber, Pennsylvania Department of Conservation and Natural Resources, Pennsylvania Department of Transportation, and the Pennsylvania Department of Community and Economic Development

Update: The rail trail is pending while the landowner resolves access issues.

This project has reclaimed a 57-acre abandoned surface mine including a 2-acre water body, 1-acre wetland and 3,190 linear feet of stream. The reclamation work has resulted in seven miles of improved streams in Hazel Creek and Black Creek making them available for fishing and other recreational uses (\$230,000 estimated annual economic benefit). The project will also construct a 3.5-mile extension of the Greater Hazleton Rails to Trails system to connect with the Eckley Miners' Village Historic Park. This trail is anticipated to increase visitation by over 9,000 per year. Overall, the project is expected to increase tourism to the area, which currently has over 35,000 annual visitors, and create opportunities for more visitor attractions for fishing, hiking, and sightseeing.

Green Mountain Discharge/Audenreid Tunnel Discharge – Tabled by Pennsylvania

Status: Preliminary OSMRE approval (5/24/16) – Tabled by Pennsylvania in 2018

Location: Schuylkill & Luzerne Counties, Pennsylvania

Requested AMLER Funding: N/A – Originally requested \$2.5 million

Additional Funding: N/A

AML Site Info: Priority 2 previously reclaimed

Project Partners: Community Area New Development Organization, Eastern Middle Anthracite Regional Recovery, Eastern Pennsylvania Coalition for Abandoned Mine Reclamation, Schuylkill County Conservation District, Catawissa Creek Restoration Association, Hazleton City Authority,

Natural Land Trust, Butler Enterprises, Schuylkill/Columbia County Conservation Districts, Catawissa Creek Restoration Association, Hazleton Environmental, Schumacher Engineering

This project has been tabled by Pennsylvania but originally proposed to treat the mine water discharge from the Green Mountain Tunnel and improve the treatment of water from the Audenreid Tunnel. This would result in the restoration of 24 miles of Catawissa Creek for recreation use, as well as deliver potable water to the Hazleton City Authority that would increase the available safe yield of the area's water supply. Additionally, geothermal energy would be recovered from the raw water for cooling and heating the water treatment buildings.

Pine Grove North/Lawrence Township Water Line Extension Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (8/2/18) – Construction started (8/3/18) - Project completed (10/1/19)

Location: Clearfield County, Pennsylvania

Requested AMLER Funding: \$4.53 million

Additional Funding: \$824,916 from AML fee-based funds to address physical hazards

AML Site Info: Priority 1 and Priority 2 unreclaimed

Project Partners: Lawrence Township & Clearfield Municipal Authority, Clearfield Municipal Authority, Pennsylvania Department of Transportation, Gwin Dobson & Foreman Engineers

Update: AML fee-based funds increased from \$33,172 to \$824,916.

This project has constructed 100,020 linear feet of water line extensions that services 192 homes and businesses in Lawrence Township which previously had wells/water supplies that were impacted or degraded by former surface and underground coal mining operations. The water line extension is providing potable water to a rural area and increasing the potential for industrial development, new single-family dwellings, and small businesses.

Pittsburgh Airport Innovation Campus¹¹ - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (11/3/16) - Construction started (11/15/18) - Project completed (5/31/19)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$500,000

Additional Funding: \$31.517 million from project partners (including \$517,000 from AML fee-based funds to address physical hazards, \$25 million from the Allegheny County Airport Authority, \$5 million from an Economic Growth Initiative Grant, and \$1 million from the Pennsylvania Department of Transportation).

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Pittsburgh International Airport, Allegheny County Airport Authority, and the Pennsylvania Department of Transportation

This project (previously called the “Airport Authority World Trade Center Business Park”) has reclaimed more than 54 acres of abandoned mine land, including two dangerous highwalls. With the site reclaimed, development of the Pittsburgh Authority Innovation Campus, office space, research and development facilities, a 400-room hotel/convention center, and up to six corporate airplane hangars can commence. According to the Allegheny County Airport Authority, based on conceptual site development plans, the project is projected to employ more than 1,200 construction

¹¹ Previously reported as “Airport Authority World Trade Center Business Park”

workers, create 7,000 direct and indirect permanent positions, and generate \$250 million in private investment. As of November 30, 2022, two buildings have been constructed on the site which house five companies. Two additional buildings are planned that will house 12 additional companies. Eight pad-ready sites are also available for future development.



Proposed Development on the Completed Pittsburgh Airport Innovation Campus Site
Photo Credit: Pennsylvania Department of Environmental Protection Website

Pittsburgh Botanic Garden - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (10/13/16) – Construction started (2/28/17) - Project completed (10/31/19)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$988,040

Additional Funding: \$616,321 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Pennsylvania Growing Greener, Allegheny County, Pennsylvania Infrastructure Investment Authority, North Fayette Township, American Chestnut Foundation, Pittsburgh Botanic Gardens, Hedin Environmental, and Cherups Excavating

Update: AML fee-based funds increased from \$216,040 to \$616,321 and the project summary has been updated with visitation and job numbers since completion.

This project has reclaimed a dangerous highwall, mine subsidence and acid mine drainage while expanding the Pittsburgh Botanic Garden (PBG). The PBG includes 18 distinct gardens, a visitor's center, an amphitheater for outdoor concerts and performances, and serve as a center for botanic research. The PBG reported 18,000 visitors in the first year of operation (2015), and 31,000 visitors in 2018. Since the project's completion, PBG has grown in both visitation (38,000 in 2019, 20,000 in 2020 due to COVID, 54,000 in 2021, and 78,000 in 2022) and jobs supported (28 in 2018, 30 in 2019, 29 in 2020 due to COVID, 44 in 2021 and 54 in 2022).



Visitors at the Pittsburgh Botanic Garden

Photo Credit: Pennsylvania Department of Environmental Protection Website

Point Stadium Discharge, Mine Drainage Treatment & Mine Pool Geothermal Project - Tabled by Pennsylvania

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (1/27/17) - Tabled by Pennsylvania in 2018

Location: Cambria County, Pennsylvania

Requested AMLER Funding: N/A - Originally requested \$2 million

Additional Funding: N/A

AML Site Info: Priority 3 unreclaimed

Project Partners: Conemaugh Hospital, Foundation for Pennsylvania Watersheds, Stonycreek-Conemaugh River Improvement Project, Cambria County Conservation District, Pennsylvania Environmental Council, Lift Johnstown, Penelec Sustainable Energy Fund, eCap Network, City of Johnstown

This project has been tabled by Pennsylvania but originally proposed to improve two miles of stream impacted by acid mine drainage and treat or eliminate discharge from Point Stadium in downtown Johnstown. This project would either provide treatment of the discharge or use the treated water and/or the mine pool as an industrial water supply or as a geothermal energy source. Public facilities in Johnstown could use the geothermal energy to effectively reduce their heating and cooling costs.

Potts Run Passive AMD Treatment System (Boardman) - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (4/12/18) - Construction started (8/1/18) - Project completed (11/7/19)

Location: Clearfield County, Pennsylvania

Requested AMLER Funding: \$1.5 million

Additional Funding: \$499,135 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Trout Unlimited, Knox Township, Clearfield County Conservation District, Clearfield Creek Watershed Association, Hedin Environmental, Allegheny Land Trust, Tetra Tech, and Howard Concrete

Update: AML fee-based funds decreased from \$1 million to \$499,135.

This project has constructed a passive treatment system to address acid mine drainage (AMD) that impacted over three miles of recreational trout fishery. Previously these waters experienced an estimated loss in recreation value of \$102,393 annually. Improvements from this project have restored this loss of value and also increase safety, property values, and quality of life for 20 households in the village of Boardman. Potential future development of the surrounding land includes building campsites or home sites.

Powderly Creek NE Underground Mine Fire and Economic Development Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (8/23/16) - Construction started (8/23/16) - Project completed (1/8/18)

Location: Lackawanna County, Pennsylvania

Requested AMLER Funding: \$2 million

Additional Funding: \$6.4 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Carbondale City and Carbondale Enterprise Development Zone

This project has extinguished the Powderly Creek underground mine fire just outside Carbondale. Additional AML features adjacent to the mine fire area were reclaimed in order to create conditions suitable for future commercial/industrial development. Air quality has improved with the extinguishment of the fire. A total of 108 acres of AML have been reclaimed, of which over 100 acres of previously undevelopable land is available for future use. The property is within two miles of two separate interchanges from Route 6, which is attractive for commercial or industrial facilities. There is also the potential for residential expansion to increase the tax base of Carbondale. The additional lands will allow for more athletic fields or parks to increase the quality of life in economically depressed communities.



Completed Powderly Creek NE Underground Mine Fire and Economic Development Project
Photo Credit: Pennsylvania Department of Environmental Protection Website

Spaces Corners South/Rayburn Township Water Line Extension Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (8/11/16) - Construction started (10/13/16) - Project completed (1/3/18)

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: \$608,472 - Originally requested \$640,000

Additional Funding: \$5.032 million from project partners (including \$32,025 from AML fee-based funds to address physical hazards and \$5 million from the Pennsylvania Infrastructure Investment Authority).

AML Site Info: Priority 2 unreclaimed

Project Partners: Rayburn Township Joint Municipal Authority, Pennsylvania Infrastructure Investment Authority

The Rayburn Township Joint Municipal Authority has constructed a 9-mile water line to 153 residences, of which 118 have wells or water supplies impacted by abandoned mine land runoff. With the project completed, it is expected to stabilize the local tax base, and increase the potential for industrial and small business development and the construction of new single-family homes.

Sproul State Forest/Fran Contracting Surface Mine Restoration Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (12/15/16) - Construction started (6/28/17) - Project completed (10/1/19)

Location: Clinton County, Pennsylvania

Requested AMLER Funding: \$3.464 million

Additional Funding: \$3.6 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 3 unreclaimed

Project Partners: Department of Conservation & Natural Resources, Kettle Creek Watershed Association, Trout Unlimited, East Keating & Noyes Townships, Western Clinton Sportsman Club, PA Fish & Boat, Bureau of Forestry (Sproul State Forest), American Chestnut Foundation

This project has reclaimed the Camp Run No. 2 AML site in Sproul State Forest and restored water quality in the Rock and Camp Run tributaries of Cooks Run. Acid forming materials were excavated, removed, or treated on site to neutralize acidity. The reclaimed site was reforested to bring the land and water back to pre-mining conditions, allowing residents and visitors to hunt, fish, hike, sightsee, and use ATVs. Increased outdoor recreation opportunities have increased visitation to the Sproul State Forest by 2% (approx. 3,500 visitors).



Sproul State Forest/Fran Contracting Surface Mine Restoration Project
Photo Credit: Pennsylvania Department of Environmental Protection Website

Tamaqua City Revitalization and Improvement Zone - Tabled by Pennsylvania

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (3/28/17) – Tabled by Pennsylvania in 2018

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: N/A – Originally requested \$3.6 million

Additional Funding: N/A

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Pennsylvania Department of Community & Economic Development, Pennsylvania Department of Transportation, Schuylkill Headwaters Association, St. Luke's Hospital, Lehigh Anthracite/BET Associates, Tamaqua City Revitalization and Improvement Zone Authority, Tamaqua Area Community Partnership, Tamaqua Industrial Development Enterprises

This project has been tabled by Pennsylvania but originally proposed to remove AML refuse piles and re-grade approximately 19 acres for use as a riparian/park setting (including a part of a proposed rail-trail system). An existing haul road would be improved and would later become a segment of the planned Tamaqua Bypass to directly alleviate traffic congestion and improve access to the area, which would spur new economic growth. Future economic use of the area as part of a broad feasibility study included a cancer treatment center, meeting and conference space, and geothermal infrastructure.

TASA Airfield North (Zelienople Municipal Airport) - Completed

Status: Preliminary OSMRE approval (7/25/17) - OSMRE final approval ATP issued (9/19/17) - Construction started (1/31/18) - Project completed (11/30/20)

Location: Beaver County, Pennsylvania

Requested AMLER Funding: \$2.5 million

Additional Funding: \$500,000 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Zelienople Airport Authority, Beaver County Conservation District, Pennsylvania Fish and Boat Commission, Pennsylvania Department of Transportation Bureau of Aviation, Pennsylvania Department of Transportation Engineering District 11-0, Pennsylvania Department of Environmental Protection Southwest Regional Office, U.S. Army Corps of Engineers Pittsburgh District, and Widmer Engineering

Update: Additional funds from other sources (\$2.3 million from the Pennsylvania Department of Transportation and \$700,000 from Zelienople Airport) were replaced with \$500,000 from the Title IV AML fund.

This project has reclaimed an AML site to improve the safety of the runway at the Zelienople Municipal Airport and the adjacent state roadway (Route 288). Benefits to the road include improved sightlines and reduced risk of loss of life if cars ran off the road. The airport has seen benefits of safer take-off and landing with the relocation of a water filled impoundment that is frequented by birds. Additionally, these improvements have permitted the runway closest to the roadway to operate at night and increased the number of flights that can use the airport. This has allowed the Pittsburgh Jet Center to maintain a presence at the airport which plans to add 25 high paying jobs within 18 months of project completion.



Zelienople Municipal Airport

Photo Credit: Pennsylvania Department of Environmental Protection Website

Tresckow Surface Mine Restoration and Beaver Brook Waterline Extension Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (1/24/17) - Construction started (3/27/17) - Project completed (8/19/20)

Location: Carbon & Schuylkill Counties, Pennsylvania

Requested AMLER Funding: \$4.25 million

Additional Funding: \$1.3 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Community Area New Development Organization, Pennsylvania Department of Transportation, Tresckow, Kline Township Municipal Authority, Freya Land Company, Ringtown Rentals, Inc., and Banks Township

Update: AML fee-based funds decreased from \$1.35 million to \$1.3 million.

The project has relocated and significantly upgraded 1 mile of the Beaver Brook water line (managed by the Kline Township Municipal Authority) to provide enhanced and reliable water service to 384 residential customers in the village of Tresckow. Reclamation work has also been completed by backfilling a strip pit using mine spoil materials obtained on-site to reclaim 174 acres for future industrial and commercial development.

Wingfield Pines Passive AMD Treatment Inflow Reconstruction - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (6/20/18) – Construction started (7/30/18) - Project completed (7/18/20)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$588,555

Additional Funding: \$653,753 from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Allegheny Land Trust, Tetra Tech, Hedin Environmental, and Howard Concrete

Update: \$653,753 of AML fee-based funds were added and the number of annual visitors was added to the project summary.

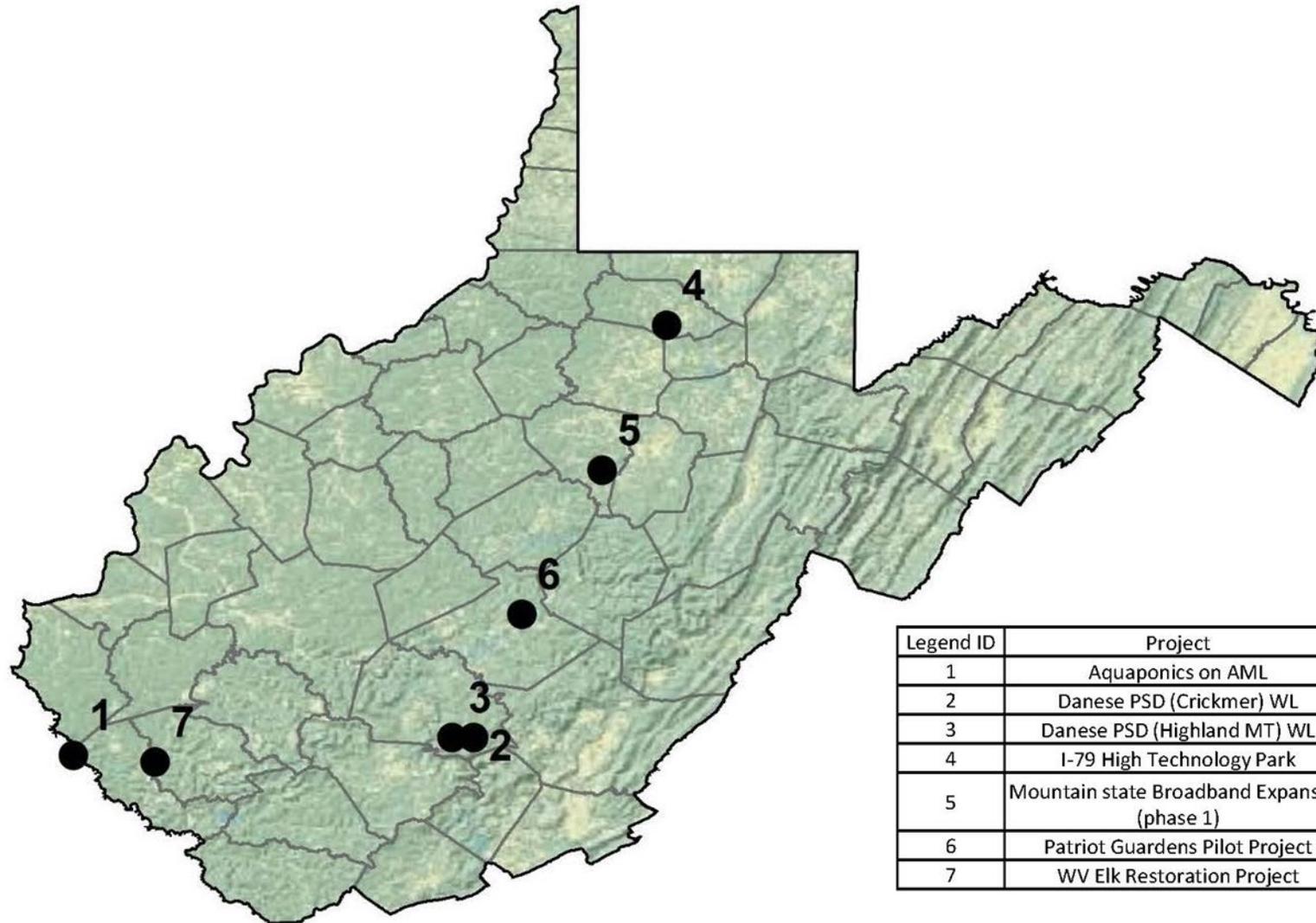
This project has reconstructed a deep mine collection structure to restore inflow to the Wingfield Pines passive treatment system and improve a local ecological park that is used for recreation and education. The park is used as an environmental laboratory for students from high school through college to explore and study. The waterways and 1-mile loop trail are frequently used by local hikers, bikers, and boaters (13,800 annually on average).



Wingfield Pines Site

Photo Credit: Pennsylvania Department of Environmental Protection Website

Figure 10: Map of Active Projects in West Virginia Receiving FY 2016 AMLER Funds



FY 2016 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of eight projects to OSMRE to confirm eligibility of each project using a portion of its FY 2016 AMLER grant (all of which received OSMRE's preliminary approval). West Virginia has tabled one of the eight projects, therefore, seven projects are currently active and have been awarded a portion of West Virginia's \$30 million FY 2016 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in ten counties across West Virginia (*Figure 10*), the seven active FY 2016 AMLER projects include three production/commercial projects, three infrastructure projects, and one point-of-interest/tourism project. The projected combined benefits for these projects are: 5,725 direct jobs created/retained, 330 visitors attracted to points of interest, 50 acres of land reclaimed, 92,889 linear feet of utility lines constructed, and over 225 households improved by new infrastructure. Two separate phases of an AMLER project (using FY 2016 and FY 2018 AMLER funds) will also result in an additional combined 188,000 visitors. These visitors are associated with both fiscal years but should not be double counted. Additional benefits include the construction of six broadband towers, planting of 400,000 apple trees, preparation of three industrial building pads, and commercial production that supplies 78 business clients. The seven active AMLER projects are expected to leverage an estimated additional \$1.75 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2016 AMLER Funds

Patriot Guardens Golden Delicious Apple Project (Phase 1) - Completed

Status: Preliminary OSMRE approval (6/17/16) - OSMRE final approval ATP issued (8/13/17) - Construction started (8/19/17) - Project completed (1/31/21)

Location: Nicholas County, West Virginia

Requested AMLER Funding: \$5.295 million

Additional Funding: \$131,000 from the West Virginia National Guard

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: West Virginia National Guard, Central Appalachia Empowerment Zone, USDA, Pardee Natural Resources, West Virginia University Extension, ERP Compliant Fuels

Update: Additional funds decreased from \$2.5 million to \$131,000 and updated summary based on metrics completed.

Through partnerships between the West Virginia National Guard and multiple organizations, this project has reintroduced the Golden Delicious Apple Tree to Nicholas County and set up a series of fruit tree orchards on abandoned mine lands to diversify the local economy. This phase has planted 400,000 apple trees (50 acres), established 12 beeyards for pollination, and constructed seven utility buildings. As of November 30, 2022, this phase has created 10 direct jobs and is serving 22 businesses. Further expansion of this site is expected to result in a total of 800,000 trees.



Patriot Guardens Apple Orchard
Photo Credit: OSMRE

Aquaponics on an AML site

Status: Preliminary OSMRE approval (8/12/16) - OSMRE final approval ATP issued (4/16/18) - Construction started (4/18/19)

Location: Mingo County, West Virginia

Requested AMLER Funding: \$3.582 million

AML Site Info: Priority 1, 2, and 3 unreclaimed

Project Partners: Mingo County Redevelopment Authority, Coalfield Development (Refresh Appalachia and Rewire Appalachia.)

Update: Additional funds decreased from \$220,000 to \$0 and updated summary based on metrics completed.

The Mingo County Redevelopment Authority has partnered with Refresh Appalachia to develop an advanced aquaponic systems. The facility opened in December 2019 and is producing commercial quantities of fish and vegetables while utilizing renewable energy for facility power and temperature regulation. Jobs directly created include 15 full-time employees (primarily in food production and distribution jobs) and 45 temporary employees (e.g. construction jobs, solar technicians). Indirect benefits include serving 56 clients and reaching 330 visitors through educational tours. As of November 30, 2022, AMLER funds are still being expended for operational expenses.

Crickmer Water Line Extension - Completed

Status: Preliminary OSMRE approval (8/12/16) - OSMRE final approval ATP issued (11/29/16) - Construction started (10/9/17) - Project completed (8/18/18)

Location: Fayette County, West Virginia

Requested AMLER Funding: \$944,208

AML Site Info: Priority 2 unreclaimed

Project Partners: ARC Region 4, Danese Public Service District, E.L. Robinson Engineering Co.

The Danese Public Service District has installed 4.3 miles of various water lines to provide water service to 39 customers whose wells had been impacted by pre-law mining practices. This project is providing clean water to homeowners which has helped to stabilize the local tax base and improve property values.

Highland Mountain Water Line Extension - Completed

Status: Preliminary OSMRE approval (8/12/16) - OSMRE final approval ATP issued (11/29/16) - Construction started (11/6/17) - Project completed (3/20/19)

Location: Fayette County, West Virginia

Requested AMLER Funding: \$2.630 million

AML Site Info: Priority 2 unreclaimed

Project Partners: ARC Region 4, Danese Public Service District, E.L. Robinson Engineering Co.

The Danese Public Service District has installed 13 miles of various water lines, a pressurized tank, and an 88,000-gallon storage tank. This project is providing clean water to approximately 188 homeowners which has helped to stabilize the local tax base and improve property values.

I-79 Technology Park - Completed

Status: Preliminary OSMRE approval (7/13/16) - OSMRE final approval ATP issued (5/13/19) - Construction started (8/12/19) - Project completed (12/21/21)

Location: Marion County, West Virginia

Requested AMLER Funding: \$3.994 million

Additional Funding: \$12.498 million from project partners (including \$575,000 from the AML fee-based funds to address the environmental hazards and an additional \$11.923 million from private and public sources are anticipated as the technology park is developed).

AML Site Info: Priority 1, 2, and 3 unreclaimed

Project Partners: High Technology Foundation, NOAA, Marion County Commission, Triad Engineering, March-Westin Company, First Energy Corporation, Orange Construction, and the Zayo Group

This project has completed three building pads for industrial development within the I-79 Technology Park and extended the existing road infrastructure to an additional eight building pad sites. The scope of the work included engineering services, subsurface investigation and stabilization, earthwork, storm drainage construction, erosion and sediment control, paving, and 1,545 linear feet of roadways and power lines. These building pads will attract Federal operations and others to the area and are projected to host 5,700 full-time, permanent jobs once fully developed.



I-79 Technology Park

Mountain State Broadband Expressway (Phase 1)

Status: Preliminary OSMRE approval (10/5/17) - OSMRE final approval ATP issued (7/31/18) - Construction started (8/22/19)

Location: Randolph, Lewis, Upshur, Greenbrier, McDowell, and Fayette Counties

Requested AMLER Funding: \$12.526 million

Additional Funding: \$18 million from other sources

AML Site Info: Priority 2 unreclaimed

Project Partners: Region VII Planning Council, Shentel Comm., Micrologic Inc., Microsoft. Inc., and Verizon

Update: Updated summary based on progress and the AML site info/location based on specific sites of towers.

This project will build an open-access fiber/wireless hybrid network of fiber linked high-capacity telecommunication towers creating a foundational backbone running north and south through eastern WV. Planned towers will be dispersed along the path on AML sites and will provide affordable broadband service to rural areas which mostly lack access to the internet. As of November 30, 2022, three towers have been constructed (Randolph, Lewis, and Upshur Counties) and three additional towers are planned for construction (Greenbrier, McDowell, and Fayette Counties).



Broadband Tower Under Construction

Sullivan Industrial Park - Tabled by West Virginia

Status: Preliminary OSMRE approval (8/12/16) - Tabled by West Virginia in 2017

Location: Raleigh County, West Virginia

Requested AMLER Funding: N/A - Originally requested \$12 million

Additional Funding: N/A

AML Site Info: Priority 2 unreclaimed

Project Partners: Beaver Coal Company, WV National Guard, Raleigh County Commission

This project has been tabled by West Virginia but originally proposed to reclaim the Sullivan tract which is a 230-acre AML site with two unreclaimed highwalls. In conjunction with the remediation and development of the site, an additional 10 acres would be donated to the West Virginia National Guard (WVNG) to create a flagship site for the Guard's Special Repair Program. This program currently employs dozens of workers that win projects from the Department of Defense to repair and maintain assets. The end use would be an industrial park in close proximity to I-64 and I-77 that could attract industrial and defense related business to the area. WVNG projected that site could create 250 full-time civilian jobs within five years of project completion.

West Virginia Elk Restoration Project (Phase 1)

Status: Preliminary OSMRE approval (10/21/17) - OSMRE final approval ATP issued (3/27/18)

Location: Logan and Mingo Counties, West Virginia

Requested AMLER Funding: \$1.029 million

Additional Funding: \$21.805 million from other sources for the elk relocation and habitat maintenance

AML Site Info: Priority 1 unreclaimed

Project Partners: Rocky Mountain Elk Foundation, NWTC, TCF, NFWF, Knobloch Foundation

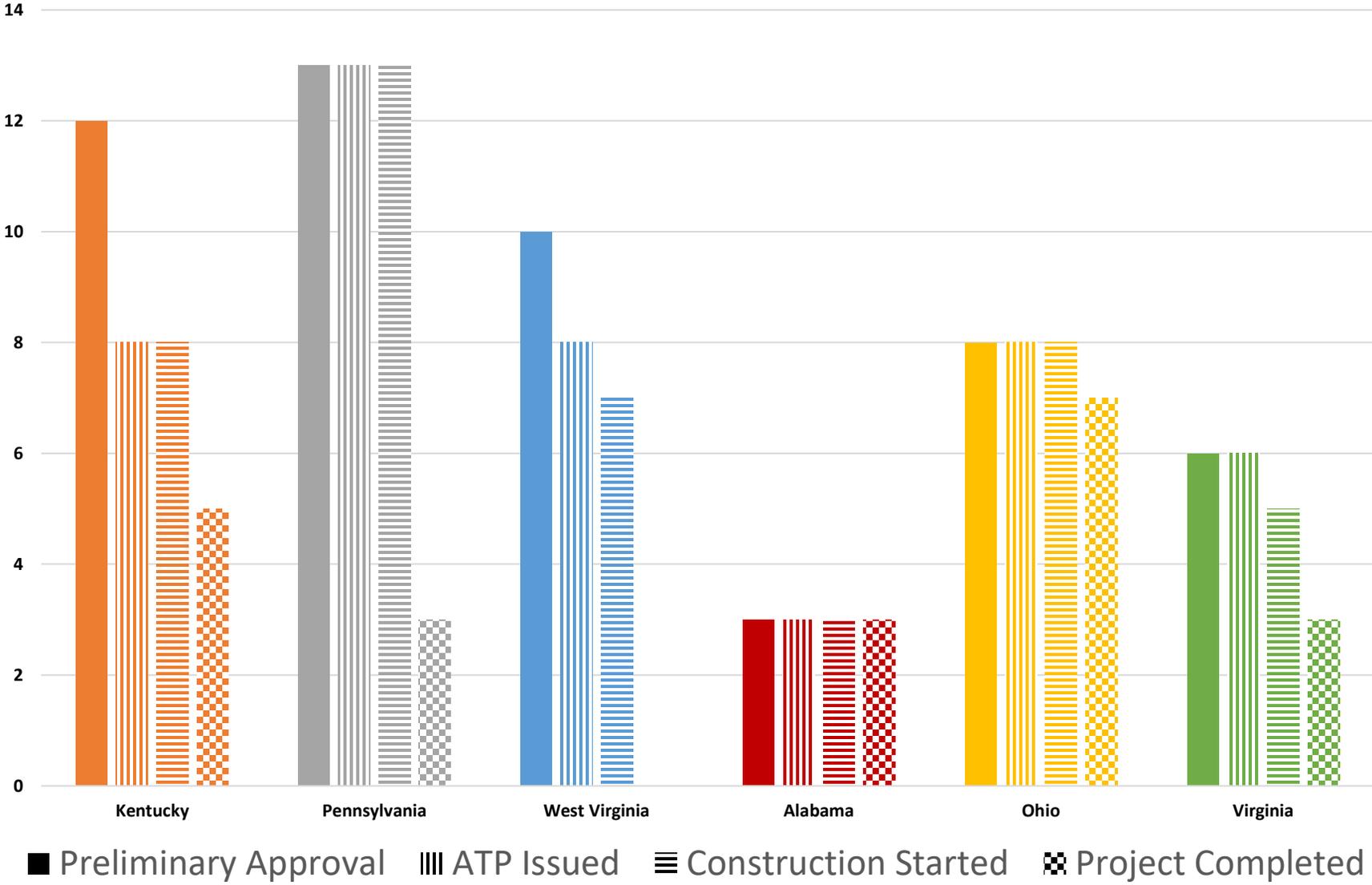
Update: Added \$21.805 million in additional funds associated with project development.

This is a multi-phase project to restore the extirpated elk species in WV with the goal of enhancing eco-tourism activities and substantiating long term positive economic benefits to the depressed southern coal fields region. Phase 1 involves construction of a multi-level viewing deck and a storage facility. Later phases will include construction of a visitor center and parking lot. The project is expected to create jobs and attract approximately 188,000 visitors per year (the same visitors are associated with phase 2 funded by the FY 2018 AMLER Program). This is based on the success of elk restoration programs in surrounding states, particularly the Pennsylvania Elk Country Visitor Center.

V. Implementation of the FY 2017 AMLER Program

OSMRE facilitated a meeting on June 7, 2017, in Pennsylvania with state AML Program staff from Kentucky, Pennsylvania, West Virginia, Alabama, Ohio, and Virginia to introduce the program to the new states as well as discuss changes and clarifications from the previous year. OSMRE released the *FY 2017 AML Pilot Guidance Document* on August 31, 2017. This guidance document was developed by OSMRE to assist states in their selection of projects and reflected minor improvements from the previous year. The guidance document outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria. Between November 2017 and February 2018, OSMRE awarded the FY 2017 AMLER grants (\$25 million to Kentucky, Pennsylvania and West Virginia and \$10 million to Alabama, Ohio, and Virginia).

Figure 11: Status of FY 2017 AMLER Projects



FY 2017 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of 16 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2017 AMLER grant. One of those projects did not meet the AMLER eligibility criteria and the applicant was referred to other potential funding sources that better aligned with the project's objective. OSMRE issued preliminary approval for the other 15 projects, three of which has been tabled by Kentucky. The 12 remaining projects are currently active and have been awarded a portion of Kentucky's \$25 million FY 2017 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER Report are marked as an "Update" for each project in the list below.

Located across ten counties in eastern Kentucky (*Figure 12*), the 12 active FY 2017 AMLER projects include seven infrastructure projects, two production/commercial project, one professional training/education project, and two point-of-interest/tourism projects. The projected combined benefits for these projects are: 239 direct jobs created/retained, 71,700 visitors attracted to points of interest, workforce training for 50 students annually, 175,566 linear feet of utility lines constructed, and 3,712 households improved by new infrastructure. Other benefits include the construction of a 1.8 million square foot industrial building pad (that will support a significant number of additional jobs), a 65,000 square foot industrial building, 25 camping pads, and 143 parking spots for a training facility. The 12 active AMLER projects are expected to leverage an estimated additional \$0.59 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

EastPark Industrial Park Infrastructure & Development - Completed

Status: Preliminary OSMRE approval (7/13/18) - OSMRE final approval ATP issued (10/22/19) - Construction started (8/20/20) - Project completed (2/11/21)

Location: Boyd County, Kentucky

Requested AMLER Funding: \$4 million

AML Site Info: Priority 3 previously reclaimed

Project Partners: The Northeast Kentucky Regional Industrial Authority, The Ashland Alliance, EastPark Industrial Park, and Braidy Industries/Unity Aluminum Inc.

Update: Revised the list of partners, additional funds decreased from \$14.2 million to \$0, and updated the project summary based on future plans for the site.

This project involved site preparation for a 1.8 million square foot industrial building. Specifically, AMLER funds were used to install a grid of aggregate and concrete support piers and columns, which extend down through mine spoil to competent strata, to support the weight of the future building. Approximately 100 temporary jobs were created during the design and construction phases of this project. Unity Aluminum Inc. (previously Braidy Industries) had intended to develop the site with an aluminum mill. However, as of November 30, 2022, the aluminum mill is no longer expected to come to fruition and EastPark is currently searching for a new tenant to utilize the site. The number of permanent jobs the site can support will depend on the industry and company that is selected as the site's new tenant.



Completed EastPark Site Prepared for Development from a New Tenant

City of Pikeville Pack House - Tabled by Kentucky

Status: Preliminary OSMRE approval (6/15/18) – Tabled by Kentucky in 2019

Location: Pike County, Kentucky

Requested AMLER Funding: N/A – Originally requested \$6 million

Additional Funding: N/A

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: AppHarvest and the City of Pikeville

This project has been tabled by Kentucky but originally proposed to construct a 1.8 million square foot pack house building, packaging line equipment, cooling system, and irrigation system for the App Harvest packing and distribution house. The company planned to have a large-scale production of cherry tomatoes, bell peppers, and other vegetables. This greenhouse would feature computerized monitoring and cutting-edge hydroponic above-ground growing systems which will create 140 jobs and a local food economy.

Coalfields Industrial Park Gas Supply - Completed

Status: Preliminary OSMRE approval (6/18/18) - OSMRE final approval ATP issued (10/11/19) - Construction started (11/23/19) - Project completed (2/1/21)

Location: Perry County, Kentucky

Requested AMLER Funding: \$900,000

Additional Funding: \$2.118 million from project partners (including \$2.086 million from an Economic Development Administration Grant and \$32,000 from the City of Hazard).

AML Site Info: Priority 3 unreclaimed

Project Partners: *City of Hazard, Economic Development Authority (EDA), Dajcor Aluminum, and FedEx*

Update: *Revised list of partners and updated the project summary to reflect jobs created.*

This project has provided natural gas to the Coalfields Regional Industrial Park by installing approximately 6 miles of 6-inch natural gas pipeline from a wellhead area in central Perry County to the industrial park. The industrial park serves a five-county area, providing sites for manufacturing concerns and is owned and operated by the Coalfields Regional Industrial Authority. This 236-acre industrial park also has good highway access, public water, public sewer, and electricity from Kentucky Power Company. With the addition of natural gas service, new industries will be attracted to the industrial park that have the potential to bring thousands of jobs to the area. As of November 30, 2022, one existing tenant of the industrial park (FedEx) has expanded to a larger facility and increased its number of employees from 75 to 185.



Coalfield Industrial Park Supplied by the Completed Gas Line

East Kentucky Advanced Manufacturing Institute (eKAMI) (Phase 2) - Completed

Status: Preliminary OSMRE approval (6/29/18) - OSMRE final approval ATP issued (4/25/19) - Construction started (6/10/20) - Project completed (2/26/21)

Location: Johnson County, Kentucky

Requested AMLER Funding: \$1 million

AML Site Info: Priority 3 unreclaimed

Project Partners: East Kentucky Advanced Manufacturing, Inc., Big Sandy Area Development District, and the City of Paintsville

Update: Revised list of partners and updated the project summary to highlight completed work.

This project is the second phase of the East Kentucky Advanced Manufacturing Institute (eKAMI) that used FY 2016 AMLER funding. The first phase developed a training center that provides advanced manufacturing training on computer numeric control (CNC) machines for approximately 50 students annually. FY 2017 AMLER funds were used to improve site development surrounding the eKAMI building including correcting site drainage issues, improving access surrounding the building, increased parking (33 to 176 spots), and site grading activities. These site improvements protect the facility itself, accommodate increased traffic to the building, and provide the ability for further future development in support of the eKAMI program.



Training center and classroom within eKAMI

EnerBlu Manufacturing Facility (Phase I) - Tabled by Kentucky

Status: Preliminary OSMRE approval (2/26/18) – Tabled by Kentucky in 2019

Location: Pike County, Kentucky

Projected AMLER Funding: N/A – Originally requested \$4 million

Additional Funding: N/A

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: EnerBlu and the City of Pikeville

This project has been tabled by Kentucky but originally proposed to build a 60,000 square foot building that will contain offices, engineering, research, and development, and systems assembly for EnerBlu, Inc. EnerBlu, Inc. creates advanced power delivery systems to address the need for sustainable energy. Subsequent phases of this project would construct a 1 million square foot manufacturing operations facility that will manufacture low cost, highpower density batteries using eLTOTM (Lithium-Titanate) core technology. It was anticipated that this project could create over 900 jobs within 3 years of completion. This project was replaced with Kentucky Enterprise Industrial Park Speculative Building that was funded by the FY 2017 AMLER program.

Hazard Community and Technical College (HCTC) Utility Training Program Extension (Phase 2)

Status: Preliminary OSMRE approval (5/17/22)

Location: Perry and Leslie Counties, Kentucky

Requested AMLER Funding: \$280,000

Additional Funding: \$715,729 from project partners (including \$572,583 from the Kentucky Department for Local Government and \$143,146 from the Hazard Community and Technical College).

AML Site Info: Priority 1 previously reclaimed

Project Partners: Hazard Community and Technical College, Appalachian Regional Commission, and the Kentucky Department for Local Government

Update: Project added to FY 2017 AMLER grant due to the availability of funding.

This project will expand the Linemen Training program that was started at Hazard Community and Technical College with FY 2016 AMLER funding. FY 2017 AMLER funds would be used for equipment and supplies necessary for the training (digger derrick truck, transformer-training simulator, anchors and auger attachments, and climbing belts). The training expansion will allow students an opportunity to graduate with any or all of the following credentials: OSHA, Flagger, CDL license, Fiber Optic Technician, Fiber Optic Specialist, Crane Qualification, CPR, and Utility Technician. These credentials will enable students to start at a higher entry-level position. Once the project is completed, 227 students are expected to graduate in the first three years. This is an increase from the original scope which expected 125 graduates over 5 years. The revised 5-year economic impact is now estimated at \$60 million (from \$15 million).

Historic Stearns Downtown Revitalization Project

Status: Preliminary OSMRE approval (9/25/18) - OSMRE final approval ATP issued (6/4/19) - Construction started (12/26/19)

Location: McCreary County, Kentucky

Requested AMLER Funding: \$1.1 million

Additional Funding: \$4.65 million from project partners (including \$2,500,000 from the Economic Development Administration, \$2,000,000 from the Appalachian Regional Commission, and \$150,000 from the U.S. Department of Agriculture).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: McCreary County Heritage Foundation, Lake Cumberland Area Development District, Economic Development Administration, Appalachian Regional Commission, and the U.S. Department of Agriculture

Update: Revised construction start date (previously documented as 9/15/19), added specific sources to the additional funding, and revised list of partners.

This project will renovate and revitalize the Big South Fork Scenic Railway in Stearns, Kentucky. AMLER funding will be used to remove/replace railroad tracks, ties, and switches; drainage improvements; and provide locomotive upgrades. Other funding will cover rehabilitation of existing buildings as a museum, visitor center, and bed and breakfast; reconstruction of a restaurant and theater; and improvements to the historic districts (sidewalks, drainage, paving, signs, and amenities). In total, these improvements are projected to result in an additional 61 full time and 14 part time positions and increase the number of annual visitors by 27,000 after 3 years.



Locomotive for the Big South Fork Scenic Railway
Photo Credit: Kentucky Division of Abandoned Mine Lands Website

Impact Outdoor Adventure (Phase 2) - Completed

Status: Preliminary OSMRE approval (8/13/19) - OSMRE final approval ATP issued (8/15/19) - Construction started (4/3/20) - Project completed (9/30/20)

Location: Clay County, Kentucky

Requested AMLER Funding: \$200,000

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: Operation UNITE, Clay County Industrial Board, Impact Outdoor Adventures, and Eastern Kentucky PRIDE, Inc.

Update: The list of partners has been updated and the project summary has been revised based actual costs and the scope of other phases.

This project has expanded development of the Impact Outdoor Adventure Park which has adjoined 15 miles of existing mountain bike trails across 47-acres (the first phase was funded by the FY 2016 AMLER Program). This second phase has completed the work started on 838 linear feet of 8” sewer pipe, 4,428 linear feet of 3” sewer pipe, and sewer grinder/pump station. Additionally, a total of 25 concrete camping pads were installed along with picnic tables and a “Camp Loop” access road. The third phase, (funded by FY 2018 AMLER Program) will complete additional access roads, a swimming pool, and a bath house/check-in/store building. The total number of visitors to the site is reported under phase 3.



Completed Camping Pads for the Impact Outdoor Adventure (Phase 2) Project

Kentucky Enterprise Industrial Park Speculative Building - Completed

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (2/20/20) - Construction started (4/20/20) - Project completed (6/9/21)

Location: Pike County, Kentucky

Requested AMLER Funding: \$5.643 million

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: City of Pikeville

Update: Requested AMLER funding decreased from \$6 million to \$5.643 million and details on a specific tenant have been added to the summary.

This project is an addition to the Marion Branch Industrial Park (Now called the Kentucky Enterprise Industrial Park) that was funded through the FY 2016 AMLER grant. It also replaces the EnerBlu Manufacturing Facility project that was previously slated to use FY 2017 AMLER funds (but was tabled by Kentucky in 2019). For this project, the City of Pikeville has constructed a 65,000 square foot building as a speculative building to attract more companies to the industrial park. The building offers a mix of office and manufacturing space capable of being customized to suit the needs of the tenant. As of November 30, 2022, a prospective tenant (Wright Concrete) is in process of moving their business to the site. They expect to support 40 employees at the site and grow to 60 employees over a few years.



Completed Kentucky Enterprise Industrial Park Speculative Building

Knott & Perry Counties KY 476 & 80 Interconnect

Status: Preliminary OSMRE approval (8/5/19) - OSMRE final approval ATP issued (9/16/20) - Construction started (11/1/20)

Location: Perry and Knott Counties, Kentucky

Requested AMLER Funding: \$1.25 million

Additional Funding: \$350,000 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 unreclaimed

Project Partners: Knott County Water and Sewer District

This project proposes to install 6,200 linear feet of 8-inch water supply line, a water storage tank, and a booster pump station to allow sufficient water supply to the city of Hazard. The Knott County Water and Sewer District will sell water to the city via an existing water share agreement. This new water supply will benefit the current residents of Hazard and promote opportunity for new business to bring jobs to the area. It would also serve the Coalfields Regional Industrial Park, which is the site of "Project Core" funded by the FY 2018 AMLER grant.



Construction of Water Storage Tank for the Knott & Perry Counties KY 476 & 80 Interconnect Project
Photo Credit: Kentucky Division of Abandoned Mine Lands Website

Rush Off-Road Park

Status: Preliminary OSMRE approval (11/15/19)

Location: Boyd County, Kentucky

Requested AMLER Funding: \$4 million

Additional Funding: \$1.516 million from project partners (including \$136,350 from local sources and \$1.38 million in future investment).

AML Site Info: Priority 3 unreclaimed

Project Partners: Rush Off-Road LLC, Boyd County Fiscal Court, Kentucky Ohio Virginia Interstate Planning Commission, Private Investors

This project plans to build infrastructure to support the Rush Off-Road Park including 2.75 miles of paved road, 33,400 ft. of sewer line, and 14,000 ft. of water line. This infrastructure will service the 44,000 annual visitors to the park and improve access for local residents and emergency services when the road is flooded. Later phases of this project are proposing to construct 9 - 14 cabins, 44 - 54 campsites, a welcome center, bathhouse, vehicle wash facility, and storage facility. With these improvements, an increase in visitation is expected, in addition to 9 - 18 full time jobs created with the completion of later phases. The sewer line is also cited to benefit 62 current homes.

Wastewater Treatment Facility for Federal Prison at Roxana¹¹ - Tabled by Kentucky

Status: Preliminary OSMRE approval (7/31/18) - Tabled by Kentucky in 2019

Location: Letcher County, Kentucky

Requested AMLER Funding: \$210,000

Additional Funding: N/A

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Letcher County Water and Sewer District (LCWSD), U.S. Department of Agriculture, Economic Development Administration, Appalachian Regional Commission, and the Federal Bureau of Prisons

Update: This project was previously reported as “Water Line Extension and Wastewater Treatment Facility for Federal Prison at Roxana”. Due to uncertainty regarding the construction of the correction facility, the distinct aspects of that project have been separated with independent metrics into this and the subsequent project.

This project was tabled by Kentucky in 2019 but originally proposed to design and construct a wastewater treatment plant to support the construction and operation of an 800-acre Federal correction facility in Roxana, Kentucky. The facility would house 1,216 inmates and employ 300 full-time staff. It was estimated that the increase in employment and population would inject \$3 to \$4 million annually into the local community.

Water Line Extension at Roxana¹²

Status: Preliminary OSMRE approval (7/31/18)

Location: Letcher County, Kentucky

Requested AMLER Funding: \$3.8 million

Additional Funding: \$2.215 million from project partners (including \$1 million from AML fee-based funds to address physical hazards, \$1,000,000 from the U.S. Army Corps of Engineers and \$215,000 from the U.S. Department of Agriculture).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Letcher County Water and Sewer District (LCWSD), U.S. Army Corps of Engineers, U.S. Department of Agriculture, and the Federal Bureau of Prisons

Update: This project was previously reported as “Water Line Extension and Wastewater Treatment Facility for Federal Prison at Roxana”. Due to uncertainty regarding the construction of the correction facility, the distinct aspects of that project have been separated with independent metrics into this and the previous project.

This project will construct 67,000 linear feet of waterline to extend public water service to 100 households in Letcher County, KY. This will result in improved water quality for residents that has been significantly impacted by historic coal mining.

Water System Controls and Raw Water Modifications

Status: Preliminary OSMRE approval (2/21/18) - OSMRE final approval ATP issued (6/12/19) - Construction started (9/1/21)

Location: Martin County, Kentucky

Requested AMLER Funding: \$2.25 million

Additional Funding: \$2.87 million from project partners (including \$1 million from AML fee-based funds to address physical hazards and \$1,869,718 from the U.S. Army Corps of Engineers

¹² Previously combined as “Water Line Extension and Wastewater Treatment Facility for Federal Prison at Roxana”

AML Site Info: Priority 2 unreclaimed).

Project Partners: Martin County Water District, Big Sandy Area Development District, and the U.S. Army Corps of Engineers

Update: Requested AML fee-based funds decreased from \$1.2 million to \$1 million and added \$1.869 million in additional funding from the U.S. Army Corps of Engineers. The list of partners has also been updated.

This project will install a secondary raw water intake in the Tug Fork River and rehabilitate one of three water treatment plant clarifier/filters to provide improved water quality and redundancy for the local water supply. Piping, pumps, and controls will be upgraded to provide for this second intake. The raw water transmission main pipe (16-inch) will be extended 3,500 feet from the Crum reservoir to the existing water treatment plan. The additional intake and filter rehabilitation will improve water quality to 3,550 customers and may attract new business and industry to the region.



Construction of Water Line for the Water System Controls and Raw Water Modifications
Photo Credit: Kentucky Division of Abandoned Mine Lands Website

Whitesburg Farmer's Market

Status: Preliminary OSMRE approval (9/30/21)

Location: Letcher County, Kentucky

Requested AMLER Funding: \$300,000

Additional Funding: \$250,000 from the Kentucky Agricultural Development Fund

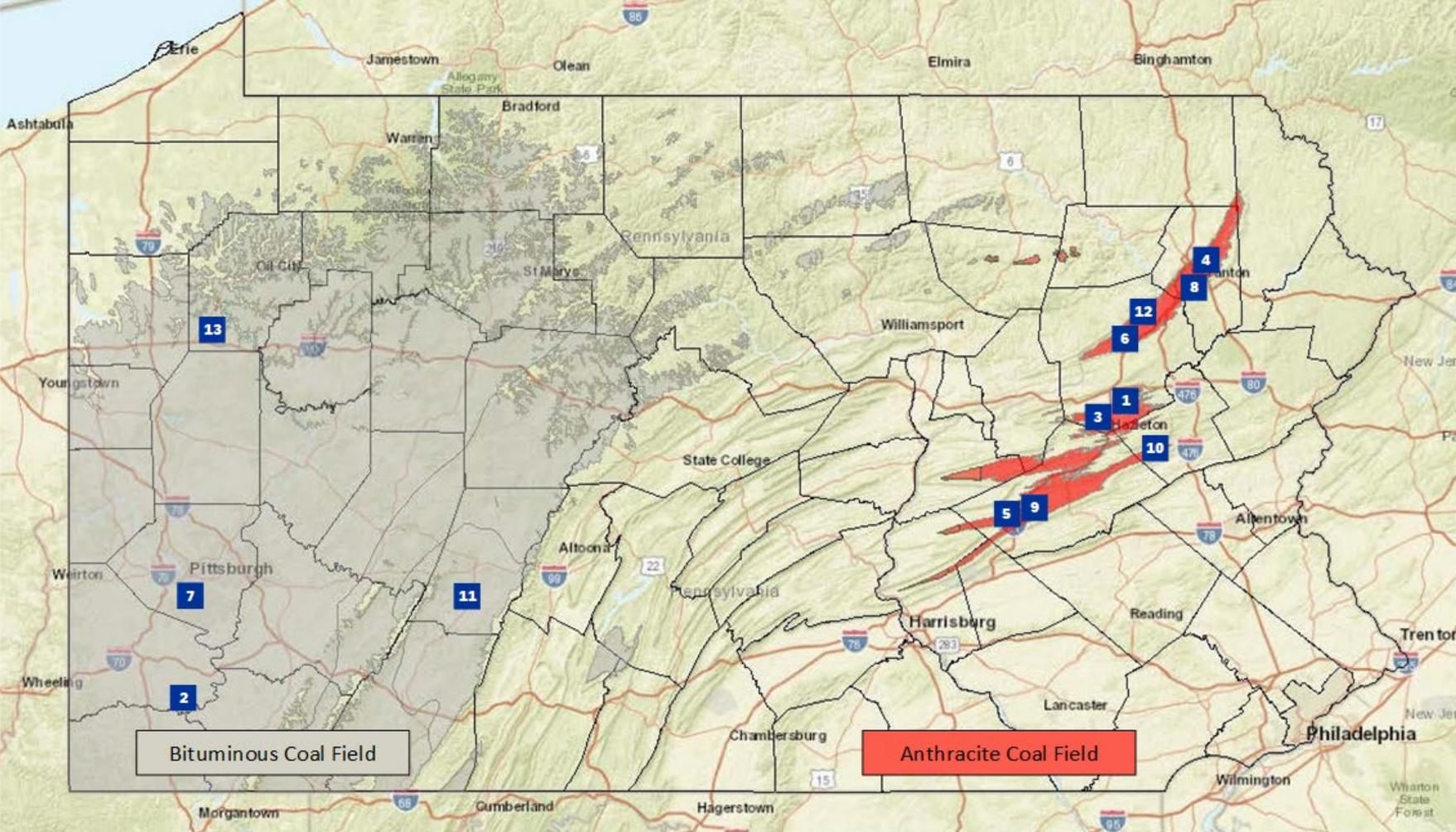
AML Site Info: Priority 1 and 2; unreclaimed and previously reclaimed

Project Partners: Cowan Community Action Group

Update: Project added to FY 2017 AMLER grant due to the availability of funding.

This project will construct a permanent farmers market pavilion in the city of Whitesburg, KY. The preliminary design conducted by the city includes twenty (20) 10x10 stalls, a common area/pavilion, restrooms, a small office, and electric, water, and sewer infrastructure. The addition of permanent structure will allow the market to be earlier (April instead of June) and later (October instead of September) each year, as well as during inclement weather. Additional metrics for the project include two additional market days per week, two jobs created, an increase in annual customers from 450 to 700, an increase in the number of wholesale vendors from four to eight, a 10% increase in annual gross revenue among all vendors, and an increase the number of different produce vendors from 34 in 2020 to 40. A second phase is anticipated that would construct a stage and restaurant in place of the pavilion/common area.

Figure 13: Map of Active Projects in Pennsylvania Receiving FY 2017 AMLER Funds



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| <ul style="list-style-type: none"> 1. Hollars Hill South AML – Cranberry Creek Gateway Project - Luzerne County 2. Black Dog Hollow/Fredericktown Coal Refuse Pile Reclamation Project - Washington County 3. Can Do – North Park Drive Business Park - Luzerne County 4. Dickson City Trail - Lackawanna County 5. Donaldson Culm Bank Stream Restoration Project - Schuylkill County 6. Earth Conservancy Bliss Bank 3 Business Area - Luzerne County 7. Gladden AMD Active Treatment Plant and Fishing Run Stream Sealing - Allegheny County | <ul style="list-style-type: none"> 8. Lackawanna College Subsidence Abatement - Lackawanna County 9. Porter Floodplain Restoration - Schuylkill County 10. Quakake Tunnel AML Treatment and Black Creek Trail - Carbon County 11. Stinem an Refuse Pile - Path of the Flood Trail (South Fork Southwest) - Cambria County 12. Swoyersville Refuse Pile – Community Athletic Area - Luzerne County 13. TASA Refuse Piles – South Sandy Creek Restoration - Vanango County |
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FY 2017 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of 13 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2017 AMLER grant. All 13 projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in eight counties across Pennsylvania (*Figure 13*), the 13 active FY 2017 AMLER projects include two multi-purpose projects, three production/commercial projects, two infrastructure projects, five point-of-interest/tourism projects, and one professional training/education project. The projected combined benefits for these projects are: 1,258 direct jobs created/retained, over 141,000 visitors attracted to points of interest, 12.18 miles of public trails constructed, 411 acres of land reclaimed, 34 miles of streams reclaimed, higher education opportunity for 3,900 students, 3,028 linear feet of utility lines constructed, and approximately 100 households improved by new infrastructure. Additional visitors are also expected based on an extension to a trail (included above) that currently receives 315,000 annual visitors. The 13 active AMLER projects are expected to leverage an estimated additional \$1.30 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

Hollars Hill South AML - Cranberry Creek Gateway Project

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (6/27/18) - Construction started (2/13/21)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$1.9 million

Additional Funding: \$5.3 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Can Do Inc. and Pagnotti Enterprises Inc.

This project will reclaim and enhance 150 acres of abandoned mine land for development by eliminating dangerous highwalls, dangerous piles, embankments, hazardous equipment, facilities, spoil areas, and industrial and residential waste. This reclamation work includes 1,028 linear feet of waterline and will allow for the development of a portion of the Cranberry Creek Gateway Project, located in the Hollars Hill section of Hazle Township, PA. In its entirety, the Cranberry Creek Gateway Project is a 366-acre community development project that includes: a 5,000-seat stadium, sports dome/ice box, town center, commercial/retail space, low medium and high-density residential complexes, community ballfield complex, wildlife sanctuary/botanical garden and greenways. Based on similar projects, 500 - 1,000 permanent full-time positions are expected when completed.



Hazardous Facilities Being Reclaimed at the Hollars Hill South AML – Cranberry Creek Gateway Site
Photo Credit: OSMRE

Black Dog Hollow/Fredericktown Coal Refuse Pile Reclamation Project - Completed

Status: Preliminary OSMRE approval (5/24/16) - OSMRE final approval ATP issued (12/6/16) - Construction started (12/1/19) - Project completed (6/15/22)

Location: Washington County, Pennsylvania

Requested AMLER Funding: \$1 million

Additional Funding: \$3.8 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: East Bethlehem Township, Alcoa, Hobo Ventures Inc.

Update: Revised construction start date (previously documented as 12/6/18).

This project has reclaimed the abandoned Fredericktown Coal Refuse Pile, which is located within 500 feet of 60 homes. The 45-acre coal refuse pile, had steep, unstable slopes and severely eroded channels, which were regraded to create more stable slopes. It was also compacted and capped with clean alkaline fill to allow for successful revegetation and recreational use as a 35-acre public park. Portions of the site will be made available for future industrial development and plans are underway to establish a Recreational and Greenspace Public Park Development area to promote recreational use and tourism.

Can Do - North Park Drive Business Park

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (10/16/18) and reissued (6/25/20) - Construction started (10/26/21)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$2 million

Additional Funding: \$657,900 from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Can Do Inc.

This project will reclaim approximately 4.5 acres of abandoned mine land including a highwall and hazardous waterbodies to prepare the site for development in the Can Do Industrial Park. At project completion, Can Do is ready to market the site as one property parcel. With this development, 85 – 150 permanent full-time jobs are anticipated to be created. Additionally, safety will be improved for 40 residences that are adjacent to the AML site.

Dickson City Trail

Status: Preliminary OSMRE approval (7/13/18) - OSMRE final approval ATP issued (12/21/18) - Construction started (3/13/20)

Location: Lackawanna County, Pennsylvania

Requested AMLER Funding: \$400,000

Additional Funding: \$970,000 from project partners (including \$500,000 from DCNR and \$470,000 from PennDOT).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Lackawanna Heritage Valley Authority, DCNR, and PennDOT

This project will reclaim 7 acres of AML and construct 1 mile of trail along the Lackawanna River. This trail will be an extension of the “Lackawanna River Heritage Trail” which aims to create a recreation area that stretches the entire length of the Lackawanna River and eventually connect with the “Delaware and Lehigh Trail” in Wilkes Barre. Currently the Lackawanna River Heritage Trail has 13 miles completed with 4 miles in a design or construction phase. In 2017, the existing portions of the trail saw a total of 315,000 visitors.

Donaldson Culm Bank Stream Restoration Project

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (9/6/18) - Construction started (6/1/19)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$2 million

Additional Funding: \$6.344 million from project partners (including \$4.6 million from AML fee-based funds to address physical hazards, \$918,889 from Growing Greener, \$300,000 from DCED, \$25,000 from Williams Companies, and \$500,000 from the National Fish and Wildlife Foundation).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Frailey Township, Natural Coal Company, YZ-05 Inc., Schuylkill Economic Development Corp., Rausch Creek Lands LR, Olympus Power – Westwood Plant, The Williams Companies Inc., Department of Community and Economic Development, Pennsylvania Growing Greener, and the National Fish and Wildlife Foundation

Update: Revised construction start date (previously documented as 12/26/18).

This project will restore a natural flow path to Good Spring Creek and reclaim 60 acres of refuse material that is eroding into the creek near the village of Donaldson in Schuylkill County, PA. This will reduce the sediment load in 16 miles of stream and restore the creek’s ability to support a wild trout fishery which is estimated to generate \$188,000 per year in economic revenue. The corrected stream path will also prevent/reduce future flooding events that have had significant cost to the area in the past in terms of repair expenses and loss of jobs. Residents in Frailey Township and surrounding areas will utilize 40 acres of the reclaimed area once it is converted into a recreation facility with interpretative walking trails, benches, and fishing access areas.

Earth Conservancy Bliss Bank 3 Business Area

Status: Preliminary OSMRE approval (3/1/18) - OSMRE Final Approval - ATP issued (6/27/18) - Construction started (8/9/18)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$2.5 million

Additional Funding: \$526,835 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Earth Conservancy

Update: Revised the numbers of estimated jobs to reflect the specific site (175) rather than the whole business area (1,000).

This project will connect transportation access to two previously developed areas within the Bliss Bank Business Area through the reclamation 55 acres of abandoned mine land. In addition, 2,000 linear feet of sewer, water, and gas line will be installed. The site is expected to support approximately 175 jobs. These improvements will accelerate completion of the overall Bliss Bank Project by years, allowing actual development to take place much sooner than anticipated.

Gladden AMD Active Treatment Plant and Fishing Run Stream Sealing (Phase 1)

Status: Preliminary OSMRE approval (9/25/18) - OSMRE Final Approval - ATP issued (7/2/19) - Construction started (5/11/20)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$3.012 million

Additional Funding: \$10.036 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and 3 previously reclaimed

Project Partners: South Fayette Conservation Group

Update: Summary updated to reflect metrics to be reported as a multi-phase project.

This project will partially construct an active acid mine drainage (AMD) treatment system that will enable recreational use of 14 miles of Chartiers Creek and 4 miles of Miller Run. The streams will be stocked with trout and accessible via two parks (Meyer Park and Middleton Park). As a multi-phase project, reporting for this project will reflect the work completed with FY 2017 AMLER funds (progress of AMD treatment plant construction). Benefits realized with the project's completion (completion of the AMD treatment plant, length of stream cleaned, land value increase, education opportunity, and visitors/revenue from recreation use) will be reported with phase 2 funded by FY 2019 AMLER funds.



**AMD to be reclaimed by Gladden AMD Treatment Plant
Photo Credit: Pennsylvania Department of Environmental Protection Website**

Lackawanna College Subsidence Abatement - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (3/1/18) - Construction started (5/15/18) - Project completed (6/28/19)

Location: Lackawanna County, Pennsylvania

Requested AMLER Funding: \$450,000

AML Site Info: Priority 1 and 2 unreclaimed and previously reclaimed

Project Partners: Lackawanna College

This project has filled mine voids to prevent subsidence under the building at 409 Adams Ave. in Scranton, PA that is being used by Lackawanna College to expand their Culinary Arts Program. The expansion provides classrooms, housing, and dining facilities for the new Culinary Arts Program. It also provides additional classrooms, administrative offices, conference rooms, and laboratory spaces that support the operation of existing academic degree and continuing education programs. This overall expansion by Lackawanna College accommodates over 3,900 students annually and creates 66 permanent full-time positions, 21 permanent part time positions, 110 non-permanent construction jobs, and 265 indirect positions and is planned to start construction in October 2023.

Porter Floodplain Restoration

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (5/8/18)- Construction started (9/11/18)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$2 million

Additional Funding: \$833,309 from project partners (including 200,000 from AML fee-based funds to address physical hazards, \$373,309 from SFPC, \$60,000 from the Schuylkill Headwaters Association, and \$200,000 from DCNR).

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Stoudts Ferry Preparation Company, Schuylkill Headwaters Association, Schuylkill River Greenway Association, Reading Northern and Blue Mountain Railroad, DCNR, William Penn Foundation, Exelon, Porter Estate

This project will excavate and remove refuse material located on the Porter property that erodes into the Schuylkill River. Once all the material is removed from the site, the natural floodplain will be restored mitigating downstream flood potential in future high-water events. With the restoration of the floodplain, this project will also develop a missing section of the Bartram Trail which will connect 8.5 miles of trails within the Schuylkill River Trail Network. As part of the trail, AMLER funds will be used to rehabilitate an existing bridge that crossed the Schuylkill River. An estimated 61,000 visitors will use the trail per year.

Quakake Tunnel AML Treatment and Black Creek Trail (Phase 1)

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (6/4/18) - Construction started (9/4/18)

Location: Carbon County, Pennsylvania

Requested AMLER Funding: \$1.5 million

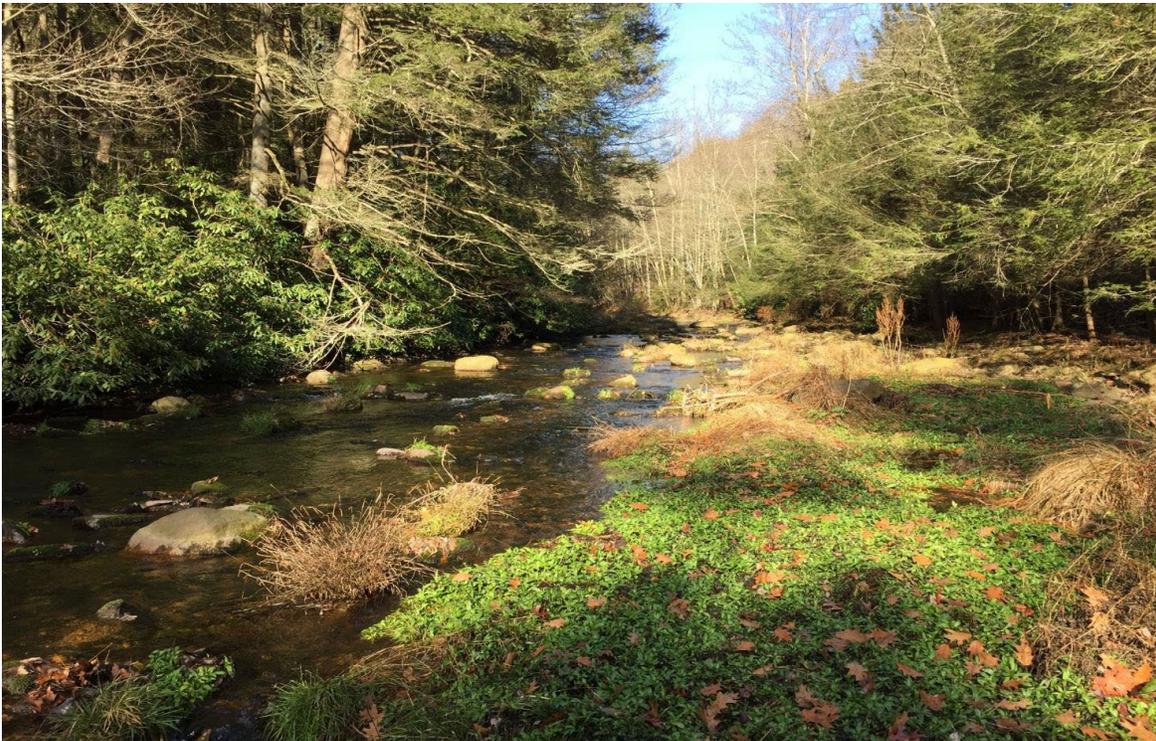
Additional Funding: \$2.152 million from project partners (including 600,000 from DCED Local Share Grant, \$475,000 from the Carbon County Commissioners sub-grant from HUD, \$1 million Redevelopment Assistance Capital Program, and \$77,000 from Growing Greener).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pennsylvania Department of Community and Economic Development, US Department of Housing and Urban Development, Carbon County Commissioners, Redevelopment Assistance Capital Program, Growing Greener, Wildlife Conservancy, USGS

Update: Requested AMLER funding decreased from \$2 million to \$1.5 million and additional funding from AMD Set-Aside decreased from \$300,000 to \$0. Revised list of project partners. Additionally, summary updated to reflect metrics to be reported as a multi-phase project.

This project will partially construct an active acid mine drainage (AMD) treatment plant for the Quakake Tunnel discharge with the intent of restoring eight miles of Black Creek for recreational use. Additionally, one mile of trail from the Lehigh Gorge State Park to Weatherly Borough will be added. As a multi-phase project, reporting for this project will reflect the work completed with FY 2017 AMLER funds (progress of AMD treatment plant construction and trail length/usage). Benefits realized with the project's completion (completion of the AMD treatment plant, length of stream cleaned, water recreation use/revenue) will be reported with phase 2 funded by FY 2019 AMLER funds.



Black Creek Downstream of Quakake Tunnel
Photo Credit: Pennsylvania Department of Environmental Protection Website

Stineman Refuse Pile - Path of the Flood Trail (South Fork Southwest) - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (3/19/18) - Construction started (5/3/19) - Project completed (7/31/22)

Location: Cambria County, Pennsylvania

Requested AMLER Funding: \$2.1 million

AML Site Info: Priority 1 and 2 unreclaimed

Project Partners: Cambria County, Cambria County Conservation and Recreation Authority, Stineman Ribbon Company, and Robindale Energy Services

Update: Revised construction start date (previously documented as 12/26/18) and updated the project summary with the number of annual trail users.

This project has removed 600,000 cubic yards of refuse materials from 27 acres that have trails used by the public. Waste mining material was be pulled away from the river to regrade and revegetate the site and neutralize acidity. The Cambria County Conservation and Recreation Authority extended a hiking/biking trail 8,875 linear feet on the cleared site to connect the Johnstown Flood National Memorial to the Path of the Flood Trail in Ehrenfeld. Approximately 80,000 people per year use the trail through the project area.

Swoyersville Refuse Pile – Community Athletic Area

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (6/27/18) - Construction started (7/1/18)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$1.995 million

Additional Funding: \$2.005 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Eastern Pennsylvania Coalition for Abandoned Mine Reclamation, Olympus Power, and Pagnotti Enterprises Inc.

Update: Requested AMLER funding decreased from \$3.35 million to \$1.995 million, and AML fee-based funds increased from \$650,000 to \$2.005 million. Construction start date also revised from 9/21/18 to 7/1/18.

The project will reclaim 15 acres of abandoned mine land at the Swoyersville refuse pile site. Seven of those restored acres will be transferred to Swoyersville Borough for the development of community recreational facilities including a youth football field. The community recreational facilities will provide for recreational opportunities for all residents of Swoyersville and the surrounding area. The remaining 8 acres will be available for development by the property owner. Olympus Power/Northampton Fuel have long range plans to reclaim the entire Swoyersville coal refuse pile which would ultimately restore 55 acres of AML which could all be used for industrial/commercial development within Swoyersville Borough resulting in job creation.

TASA Refuse Piles – South Sandy Creek Restoration

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (3/12/18) - Construction started (4/19/18)

Location: Venango County, Pennsylvania

Requested AMLER Funding: \$3.156 million

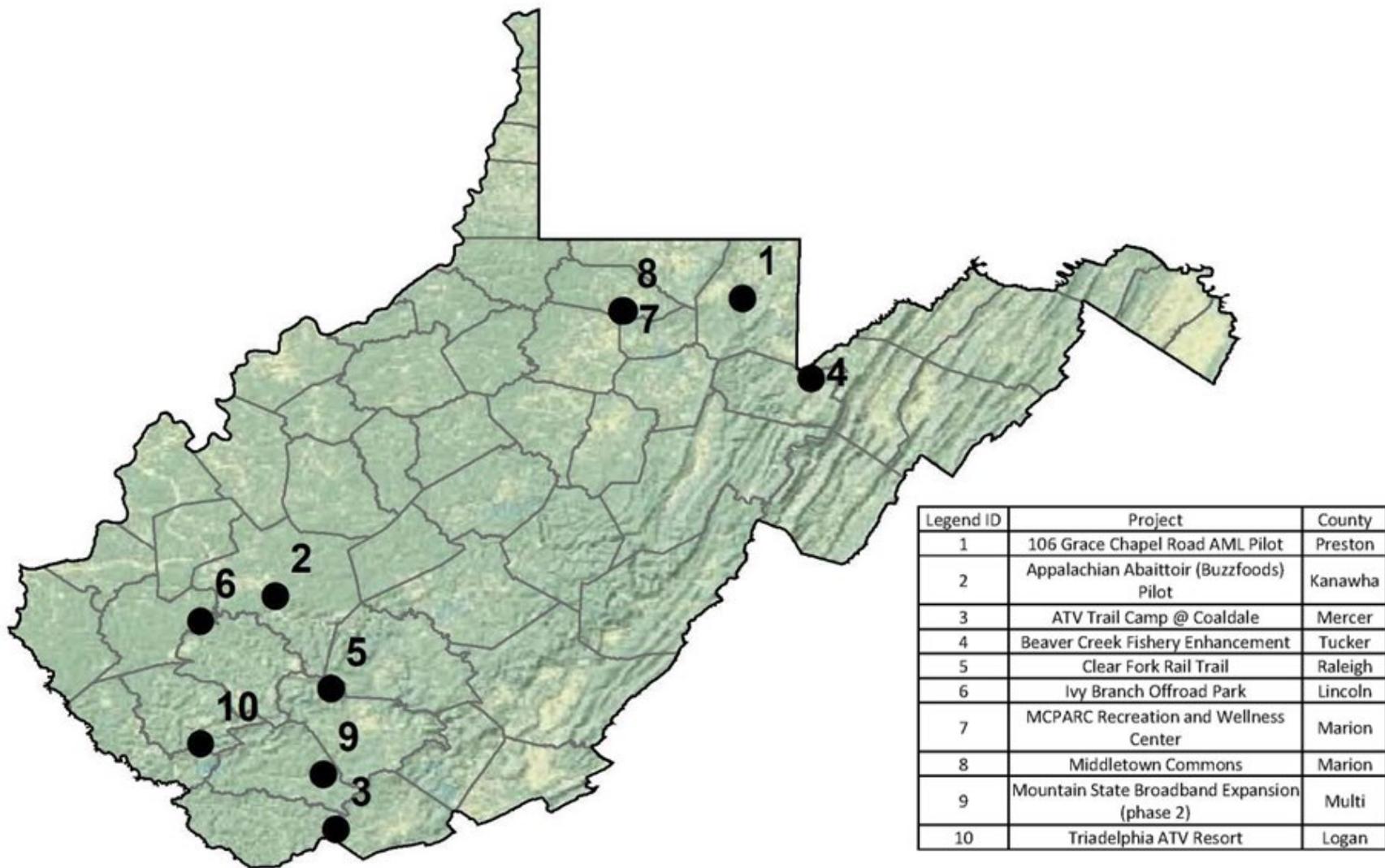
AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: Scrubgrass Generating Co., South Sandy Creek Watershed Association

Update: AML fee-based funds decreased from \$156,000 to \$0. Project construction is 75% complete.

This project will excavate 200,000 tons of acid forming refuse and transport it to the Scrubgrass Generating Plant to be utilized to generate electricity. This material will support the 100 employees at the generating plant for 2 years. A portion of the resulting alkaline fly ash byproduct from the generation plant will be returned to the site and mixed with the existing soil to remediate the acid and reclaim the site. When completed, 52 acres of land will be restored for agricultural use and ground water quality will improve for two residential drinking wells.

Figure 14: Map of Active Projects in West Virginia Receiving FY 2017 AMLER Funds



FY 2017 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of 14 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2017 AMLER grant. One of those projects did not meet the AMLER eligibility criteria and the applicant was referred to other potential funding sources that better aligned with the project's objective. OSMRE issued preliminary approval for the other 13 projects, three of which have been tabled by West Virginia. The ten remaining projects are currently active and have been awarded a portion of Kentucky's \$25 million FY 2017 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in at least nine counties across West Virginia (*Figure 14*), the ten active FY 2017 AMLER projects include two production/commercial projects, two infrastructure projects, and six point-of-interest/tourism projects. The projected combined benefits for these projects are: 18 direct jobs created/retained, 17,960 visitors attracted to points of interest, 48 miles of public trails constructed, 2613.5 acres of land reclaimed, 5 miles of stream reclaimed, and 1,500 linear feet of utility lines constructed. Additional jobs created, visitors attracted, and households improved are expected as development is completed. The ten active AMLER projects are expected to leverage an estimated additional \$0.20 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

ATV Trail Camp at Coaldale

Status: Preliminary OSMRE approval (3/15/18) - OSMRE final approval ATP issued (12/20/18) - Construction started (6/29/20)

Location: Mercer County, West Virginia

Requested AMLER Funding: \$1.8 million

Additional Funding: \$2.262 million from project partners (including \$1.123 million from the EDA, \$873,500 from a secured bank loan and \$265,500 from other partners).

AML Site Info: Priority 2 unreclaimed

Project Partners: Hatfield McCoy Regional Recreation Authority, Mercer County Commission, Region I Planning and Development Council, WV Economic Development Authority, Mercer County Health Department, WV Department of Health, WVDEP, Mercer County Conservation and Visitor Bureau, Bluewell Public Service District, BB&T, NCIF, Thrasher Engineering, Triad Engineering, Envirotech, B&O Development, and New People's Bank

Update: Additional funding decreased from \$2.308 million to \$2.262 million and updated the summary to reflect planned construction.

This project will construct a trail camp for ATV riders adjacent to the site selected for the new Pocahontas Trail Welcome Center and Trailhead in Mercer County, WV. The trail camp will cater to the diverse needs of ATV enthusiasts who visit the area and include lodging facilities (eight RV sites and five double cottages), a store with a restaurant, and an ATV part/service/storage/rental facility. The project will be completed in phases with the first phase utilizing AMLER funds to construct sewer, water, and electric lines and the lodging accommodations that will be able to host 200 guests at a time. Later phases, utilizing secured private funding, will construct a restaurant, general store, additional cottages, and other site amenities.

OVERALL CONCEPTUAL SITE PLAN



ATV Trail Camp at Coaldale Site Plan

106 Grace Chapel Road Remediation and Redevelopment

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (7/29/19)

Location: Preston County, West Virginia

Requested AMLER Funding: \$2.538 million

Additional Funding: \$139,169 from project partners (including \$91,169 from the Preston County Economic Development Authority and \$48,000 awarded by ARC through the POWER Federal Funding Opportunity).

AML Site Info: Priority 2 unreclaimed

Project Partners: I-68 Regional Economic Partnership, Preston County Economic Development Authority, and the Thrasher Group

Update: Requested AMLER funding increased from \$2.208 million to \$2.358 million

This project will rehabilitate a 44,000 square foot industrial building and develop six acres of adjacent land to provide additional space for a future business to use the site. The site is owned by the Preston County Economic Development Authority and has a local manufacturing company that is interested in moving into the rehabilitated building. This company currently has 175 employees and moving into this building will allow them to add 12 - 20 more. A range of 28 - 44 temporary jobs would also be created for this project. Additionally, funds will be used to remediate other conditions that prevent a new tenant from using the space including stormwater management, and removal of a disposal area, water intrusion, lead based paint, and asbestos materials.

Beaver Creek Fishery Enhancement

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (4/30/19) - Construction started (12/16/19)

Location: Tucker County, West Virginia

Requested AMLER Funding: \$295,700

Additional Funding: \$15,300 as in-kind value

AML Site Info: Priority 3 unreclaimed

Project Partners: Canaan Valley Institute, WV Division of Natural Resources, and the WV Division of Highways

This project will restore five miles of Beaver Creek with the goal to improve recreational opportunities via visitor usability of the creek as a stocked trout fishery and the adjacent rail-trail. Enhancements include improvements to in-stream and pool habitats and planting riparian vegetation to provide long term buffer for the creek. This area is easily reached by local residents in Davis and Thomas, WV by access roads or rail-trail and will also serve as a gateway for visitors arriving in Tucker County, WV. When reclamation is completed, the creek is estimated to attract 5,000 anglers annually with an annual economic impact of \$500,000.

Clear Fork Rail Trail

Status: Preliminary OSMRE approval (3/30/18) - OSMRE final approval ATP issued (11/4/21)

Location: Raleigh County, West Virginia

Requested AMLER Funding: \$2.25 million

Additional Funding: \$131,860 from project partners (including \$75,000 from the Raleigh County Commission, \$31,860 as in-kind value from local sources, and \$25,000 from Benedum Foundation)

AML Site Info: Priority 2 unreclaimed

Project Partners: New River Gorge Regional Development Authority, National Coal Heritage Area Authority, ROST Whitesville Inc, Benedum Foundation, and the Raleigh County Commission

This project will reclaim a coal refuse pile and develop eight miles of abandoned rail line that served historic coal mining operations. Creation of the Clear Fork Rail Trail will generate tourism and increase recreational opportunities for local residents. Interpretive signage along the trail will provide users with a glimpse into the history of the region and the coal communities through which the corridor passes. The trail is estimated to have 2,000 users in the first year and over 12,500 by the fifth year. These users are expected to generate \$2.7 million in sales over the five years. Potential business opportunities to complement the trail include bike rental, shuttle services, lodging, and dining.

Cline YMCA Complex (Phase 1) - Tabled by West Virginia

Status: Preliminary OSMRE approval (4/2/19) - Tabled by West Virginia in 2020

Location: Raleigh County, West Virginia

Requested AMLER Funding: N/A – Originally requested \$3 million

Additional Funding: N/A

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Cline Family Foundation and the Carter Family Foundation

This project has been tabled by West Virginia but originally proposed to construct part of a new YMCA Facility in Beckley, WV. The new facility would feature and include a gym, indoor track, pool, exercise studios, and a preschool. Additionally, access to an adjacent AML site would be

blocked. This was estimated to create 75 temporary construction jobs and 12 new permanent jobs at the YMCA. Visitation to the facility was estimated to increase 18% (from 3,700 to 4,370 annually).

Former TAZ Sawmill Site Development - Tabled by West Virginia

Status: Preliminary OSMRE approval (3/1/18) – Tabled by West Virginia in 2019

Location: Preston County, West Virginia

Requested AMLER Funding: N/A – Originally requested \$2.208 million

Additional Funding: N/A

AML Site Info: Priority 2 and Priority 3 previously reclaimed

Project Partners: The Thrasher Group, P.S. Energy, Old Colony Realty, Frazee Resource Management, I-68 Regional Economic Partnership, JB and Sons

This project has been tabled by West Virginia but originally proposed to purchase over 40 acres of previously reclaimed mine land and rehabilitate a 12,000 square foot building for use as an industrial site. Improvements included replacement of damaged and broken concrete and damaged downspouts, construction of a concrete barrier to keep water from draining under the garage wall, outside door replacement, roof repair on a building extension, and conversion of the HVAC system from propane to natural gas. Additionally, 3,200 linear feet of sewer and natural gas utility lines would connect to the site to appeal to most industrial users. Job creation and capital investment would have been expected once a business is in place on site.

Ivy Branch Off-Road Development (Phase 1) - Completed

Status: Preliminary OSMRE approval (3/30/18) - OSMRE final approval ATP issued (5/7/19) - Construction started (7/29/19) - Project completed (12/13/21)

Location: Lincoln and Boone Counties, West Virginia

Requested AMLER Funding: \$3.25 million

AML Site Info: Priority 2 unreclaimed

Project Partners: Boone County Community and Economic Development Corporation and the Lincoln County Economic Development Authority

Update: Requested AMLER funding decreased from \$3.32 million to \$3.25 million.

This project has purchased the former Ivy Branch Trail System to ensure the 2,600 acres stays available to the public for recreational and economic developmental purposes. Reclamation work has addressed public safety concerns and over 40 miles of new trails have been opened. These trails are open for ATV use and are also able to accommodate full size vehicles such as jeeps. Within the first five years after project completion, it is estimated that ten new businesses will be developed on or adjacent to the property, as well as 100 new cabins, and space for outdoor activities such as camping and kayaking. As of November 30, 2022, one new business has reopened on the property, and another has opened adjacent to the property.

Livestock, Processing, and Value-Added Facility - Completed

Status: Preliminary OSMRE approval (3/30/18) - OSMRE final approval ATP issued (12/5/19) - Construction started (3/15/20) - Project completed (5/31/22)

Location: Kanawha County, West Virginia

Requested AMLER Funding: \$5.875 million

Additional Funding: \$1 million from Buzzfoods Inc.

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Buzzfoods Inc., WV Department of Agriculture, WV Small Business Development Center

Update: Requested AMLER funding increased from \$4 million to \$5.875 million and updated summary based on work completed.

This project has constructed a modern, food-safe facility on abandoned mine land for converting local livestock to marketable meat. Construction created 70 temporary jobs and the completed facility directly created 18 jobs. On-the-job training programs catered to former coal miners and veterans is held onsite and is eligible as college credit. The facility is currently supplying meat products to 88 customers that include restaurants, hotels, resorts, and country clubs in WV and the surrounding states.



Interior of Buzzfeed Livestock, Processing, and Value-Added Facility
Photo Credit: OSMRE

Marion County Park and Recreation Committee (MCPARC) Community Recreation and Wellness Complex

Status: Preliminary OSMRE approval (11/5/2020)

Location: Marion County, West Virginia

Requested AMLER Funding: \$1.5 million

Additional Funding: \$419,000 from project partners (including \$400,000 from Five Mile LLC and \$19,000 from MCPARC).

AML Site Info: Priority 1 previously reclaimed

Project Partners: Marion County Park and Recreation and Five Mile LLC

Update: Project added to FY 2017 AMLER grant due to the availability of funding.

This project will purchase 7.49 acres adjacent to Middletown Commons (another FY 2017 AMLER project). Project partner Five Mile LLC will develop the 7.49 acres to include two multipurpose sports fields, an access road, and parking (valued as \$400,000 in-kind) and with available funding will also add spectator seating, restrooms/concession area, playground, and a walking trail. Long term plans for the property include additional development of an indoor recreation facility with a gymnasium, indoor multipurpose field, walking track, restroom/locker rooms, and public gathering

space. The site will be owned, operated, and maintained by MCPARC. The facility is expected to benefit the 275,000 local residents as current outdoor recreation facilities are overcrowded and support the continued population growth of the region.

Middletown Commons Redevelopment Project

Status: Preliminary OSMRE approval (9/21/20) - OSMRE final approval ATP issued (3/8/22) - Construction started (6/1/22)

Location: Marion County, West Virginia

Requested AMLER Funding: \$1.5 million

Additional Funding: \$1.084 million from General Acquisitions, Inc

AML Site Info: Priority 1 previously reclaimed

Project Partners: General Acquisitions, Inc.

Update: Project added to FY 2017 AMLER grant due to the availability of funding.

This project will build a community and events center as part of new renovations the Middletown Commons (formally Middletown Mall). The project would include the addition of a 10,000 square foot events center with a 7,155 square foot grand hall, a full kitchen, an art studio, visual equipment, and other related amenities. These features will support exhibits and events up to 500 people. Currently, the local communities do not have a venue that can support community or regional events and this center would be attractive to personal, business, and educational activities. The project will create temporary construction jobs as well as full time permanent jobs. To date, General Acquisitions, Inc has invested a total of approximately \$40 million in the redevelopment of the whole property.



Concept Drawing of Event Center at Middletown Commons

Mountain State Broadband Expressway (Phase 2)

Status: Preliminary OSMRE approval (10/27/2017)

Location: Multiple counties, West Virginia

Requested AMLER Funding: \$3.35 million

AML Site Info: To be determined based on where tower locations are needed

Project Partners: Region VII Planning Council, Shentel Comm., Micrologic Inc., Microsoft. Inc. and Verizon

This project is a continuation of the project that used FY 2016 AMLER funding toward building an open-access fiber/wireless hybrid network of fiber linked high-capacity telecommunication towers creating a foundational backbone running north and south through eastern WV. Planned towers will be dispersed along the path on AML sites and will provide affordable broadband service to rural areas which mostly lack access to the internet. When completed, this project will impact 20 counties in WV including Barbour, Boone, Braxton, Fayette, Gilmer, Greenbrier, Harrison, Kanawha, Lewis, Lincoln, Logan, McDowell, Nicholas, Preston, Randolph, Taylor, Tucker, Upshur, Wayne, and Webster.

Northern Cardinal Farms - Price Hunter Branch Hatfield AML - Tabled by West Virginia

Status: Preliminary OSMRE approval (3/30/18) - OSMRE final approval ATP issued (10/5/18) - Construction started (10/9/18) - Tabled by West Virginia in 2020

Location: Boone County, West Virginia

Requested AMLER Funding: N/A – Originally requested \$3.206 million

Additional Funding: N/A

AML Site Info: Priority 1, 2, and 3 unreclaimed

Project Partners: Ftera Advisors LLC

Update: Project was tabled by West Virginia in 2020.

This project has been tabled by West Virginia but originally proposed to run a 100,000 square foot, modern, controlled-environment agriculture greenhouse operation and produce commercial quantities of leafy greens, vegetables, and fruits. Year-round operation with seasonal variation in production would have accommodated changing light and energy components within the greenhouse's operation cost structure. Local residents would have been hired for approximately 15 construction jobs and at least 23 full-time employees at full capacity including displaced coal miners and veterans. A training curriculum was planned for employees and may also be applied as an educational program for local middle and high schools. This project would have potentially served as the foundation of highly processed packaged and canned food manufacturing facilities in WV and will provide a sustainable supply of affordable healthy vegetable and fruit produce to over 3,500 Boone County residents.

Triadelphia ATV Resort Project - Completed

Status: Preliminary OSMRE approval (3/15/18) - OSMRE final approval ATP issued (7/20/20) - Construction started (4/19/21) - Project completed (4/18/22)

Location: Logan County, West Virginia

Requested AMLER Funding: \$1.64 million

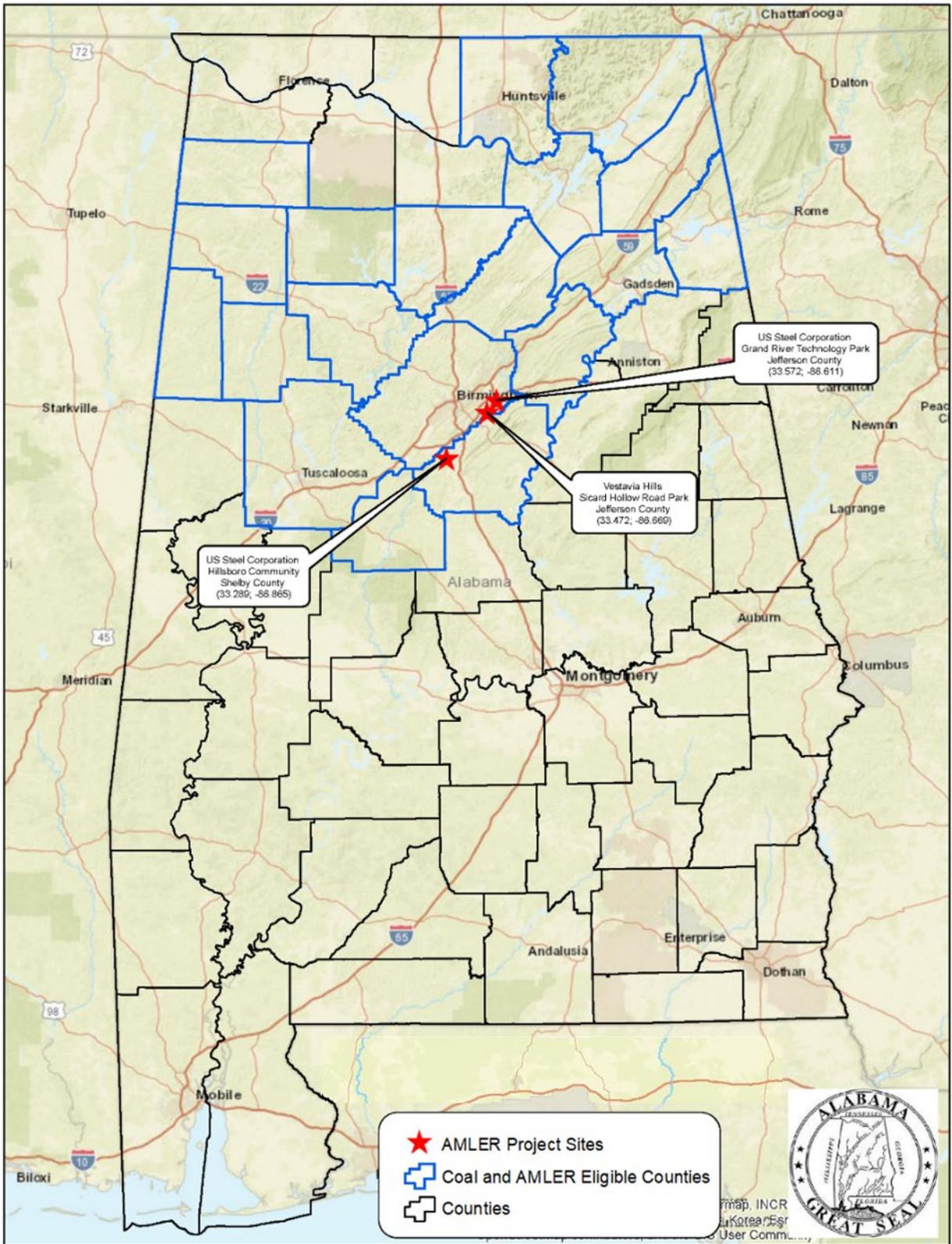
AML Site Info: Priority 2 unreclaimed

Project Partners: WW McDonald Land Company and WV Department of Highways

Update: Requested AMLER funding increased from \$1.57 million to \$1.64 million. The additional funds were also moved from this project to the McDonald Clan Resort, LLC project (using FY 2021 AMLER funds) and the summary was updated to reflect distinct metrics for each project.

This project has used AMLER funds to move 1,500 linear feet of WV State Route 80 over 12 feet to provide a safe turning lane into the proposed McDonald Clan Resort (supported with FY 2021 AMLER funds) along the Hatfield-McCoy Trail System in Logan County, WV. The movement of the road also accommodated an existing railroad crossing. Development of the resort itself will include construction of infrastructure, cabins, RV hookup sites, outdoor pool, bathhouse, general store/restaurant, and lodge.

Figure 15: Map of Active Projects in Alabama Receiving FY 2017 AMLER Funds



FY 2017 Alabama

As of November 30, 2022, Alabama had selected and submitted a total of three projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2017 AMLER grant. All three projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in two counties in central Alabama (*Figure 15*), the three active FY 2017 AMLER projects include two multi-purpose projects and one point-of-interest/tourism project. The projected combined benefits for these projects are: 90,000 visitors attracted to points of interest (with more expected as development is completed), 179 acres of land reclaimed, and 1,950 linear feet of utility lines constructed. Additional jobs created and visitors attracted are expected as development is completed. The three active AMLER projects are expected to leverage an estimated additional \$5.27 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Alabama Department of Labor](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

Grand River Technology Park (Phase 1) - Completed

Status: Preliminary OSMRE approval (3/15/18) - OSMRE final approval ATP issued (2/19/19) - Construction started (4/1/19) - Project completed (8/31/21)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$6 million

Additional Funding: \$41.167 million from project partners

AML Site Info: Priority 2 and Priority 3 previously reclaimed

Project Partners: U.S. Steel Corporation, City of Birmingham, Southern Museum of Flight, Jefferson County, and the City of Leeds

Update: Updated summary based on completed work.



Completed Grand River Technology Park (Phase 1)

This is the first phase of a multi-phase project to transform approximately 105 acres of undeveloped land adjacent to AML sites into a regional nexus for research and development, tourism, and light manufacturing. FY 2017 AMLER funds were used to grade and prepare the site for construction and added 1,950 linear feet of road and sewer infrastructure. A confirmed tenant for the site is the Southern Museum of Flight which estimates an increase in annual visitation from 60,000 to 120,000 with the new facility. Later phases will involve development of parcels for commercial use (FY

2018 AMLER funds), industrial research, and light manufacturing that will support regional automotive, medical, and industrial industries. The final phase involves construction of a residential development and elementary school to support the demand for housing with the jobs created in the Technology Park.

Hillsboro Community (Phase 1) - Completed

Status: Preliminary OSMRE approval (3/15/18) - OSMRE final approval ATP issued (11/25/19) - Construction started (3/1/20) - Project completed (11/30/21)

Location: Shelby County, Alabama

Requested AMLER Funding: \$3.25 million

Additional Funding: \$9.07 million from project partners

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: U.S. Steel Corporation, City of Helena, U.S. Army Corps of Engineers, Alabama Department of Environmental Management

Update: Updated summary based on completed work.

This is part of a multi-phase project to develop 3,600 acres for mixed use that is connected by an integrated trail system linking the project to downtown Helena, Alabama. FY 2017 AMLER funds were used to add storm sewers infrastructure and grade 14 acres that will be developed as the commercial town center of the community (which will include 46,000 square feet of new retail, 23,000 square feet of office space, and up to 23,000 square feet of second-level residential space). Improvements were also made to a 60-acre park within the community by adding a playground, pavilion, and a walking bridge. Plans for other phases include construction of athletic fields (with FY 2020 AMLER funds), walking trails, and 53 residential lots.



Completed Hillsboro Community (Phase 1)

Sicard Hollow Park (Phase 1) - Completed

Status: Preliminary OSMRE approval (3/15/18) - OSMRE final approval ATP issued (9/26/18) and reissued (11/27/18) - Construction started (11/15/19) - Project completed (8/31/21)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$737,726

Additional Funding: \$2.484 million from project partners (including \$1.194 million from AML fee-based funds to address physical hazards and \$1.29 million from other project partners).

AML Site Info: Priority 1, 2, and 3 previously reclaimed

Project Partners: City of Vestavia Hills

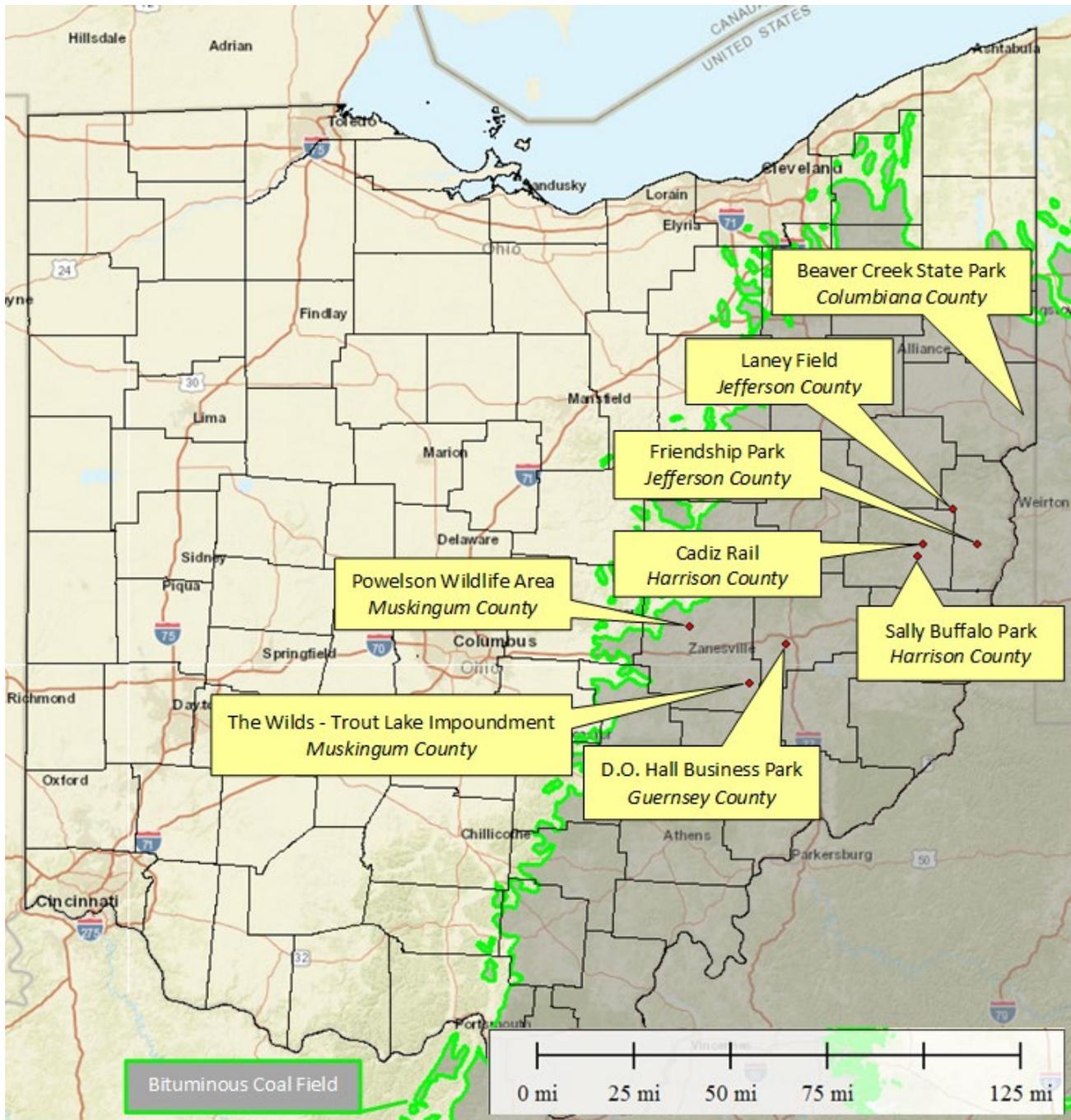
Update: Requested AMLER funds decreased from \$750,000 to \$737,726 and updated summary based on completed work.

This project is part of the expansion and improvement of the Sicard Hollow Athletic Complex and Park (established as a recreational space by the City of Vestavia Hills on a reclaimed AML site). The site already featured soccer facilities, trails, a playground, a splash pad, and a pavilion. FY 2017 AMLER funds were used to add sidewalks, landscaping, signage, an additional 50-person pavilion, parking improvements with 100 additional spots, public wi-fi access, and a multi-purpose athletic court. FY 2018 AMLER funds are also being used to construct a one-acre dog park. Visitation is expected to increase from the previous 156,000 visitors per year.



Completed Sicard Hollow Park

**Figure 16: Map of Active Projects in Ohio
Receiving FY 2017 AMLER Funds**



FY 2017 Ohio

As of November 30, 2022, Ohio had selected and submitted a total of ten projects to OSMRE to confirm eligibility of each project using a portion of its FY 2017 AMLER grant (all of which received OSMRE's preliminary approval). Ohio has tabled two of the ten projects, therefore, eight projects are currently active and have been awarded a portion of Ohio's \$10 million FY 2017 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in five counties in eastern Ohio (*Figure 16*), the eight active FY 2017 AMLER projects include one production/commercial project, one infrastructure project, and six point-of-interest/tourism projects. The projected combined benefits for these projects are: 373 direct jobs created/retained, 120,000 visitors attracted to points of interest (with more expected as development is completed), 207 acres of land reclaimed, and 4,090 linear feet of utility lines constructed. Additional benefits include an increase of rail line reliability for 60 train cars per day, construction of 46 camping pads, and fields for 20 - 40 T-ball games and 50 - 100 soccer games per year. The eight active AMLER projects are expected to leverage an estimated additional \$0.05 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information on the Ohio AML Program can be found through the [Ohio Department of Natural Resources - Division of Mineral Resources](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

Laney Field Highwall - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (9/17/19) - Construction started (2/6/20) - Project completed (10/7/22)

Location: Jefferson County, Ohio

Requested AMLER Funding: \$302,714

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: East Springfield Baseball Association

Update: Requested AMLER funds increased from \$284,392 to \$302,714 and additional funding decreased from \$16,500 to \$0.

This project has regraded several AML sites to allow the creation of a multi-use sports field adjacent to the current local baseball field. The new field can be used for a variety of sports including soccer, baseball, and various other sports and recreational opportunities. The additional field space will reduce conflicts at the existing field and increase the number of practices/games that can occur at the same time. It is anticipated that 20 - 40 T-ball games and 50 - 100 soccer games will use the field per year. Benefits of this project include the expansion of local youth sport options, additional opportunity for local businesses to sponsor teams, generation of concessions stand sales, and attracting visitors to East Springfield.



Completed Laney Field Highwall Site

Beaver Creek State Park

Status: Preliminary OSMRE approval (6/24/19) - OSMRE final approval ATP issued (6/28/19) - Construction started (1/30/20)

Location: Columbiana County, Ohio

Requested AMLER Funding: \$844,269

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Beaver Creek State Park, Little Beaver Creek State Wild and Scenic River Advisory Council, and the North Country Trail Association

This project is reclaiming 21 acres within the Beaver Creek State Park to serve as new area for recreational use. This will include a six-space parking lot (2,700 square feet), 840 feet of new trail, 660 feet of fencing (at an overlook), construction of two kiosks, and improvement of an additional 400 feet of trail. With these improvements, visitation and camping in the park are expected to increase.

Big Run Gob Pile - Tabled by Ohio

Status: Preliminary OSMRE approval (3/1/18) - Tabled by Ohio in 2020

Location: Belmont County, Ohio

Requested AMLER Funding: N/A - Originally requested \$3.9 million

Additional Funding: N/A

AML Site Info: Priority 1 and Priority 3 unreclaimed

Project Partners: JobsOhio and PTT Global Chemical America (PTTGCA)

Update: Project was tabled by Ohio in 2020.

This project has been tabled by Ohio but originally proposed to reclaim 25 acres of mine waste material in preparation for the construction of a global scale petro-chemical plant. It was planned that the site would be used to develop a 400- to 500-acre facility that would see construction of a \$6 billion-dollar ethane cracker plant. That plant was projected to use locally sourced raw petroleum liquids and create hundreds of well-paying jobs.

Cadiz Rail Highwall - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (3/29/18) - Construction started (6/3/19) - Project completed (9/23/21)

Location: Harrison County, Ohio

Requested AMLER Funding: \$531,339

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: OMEGA and ODNR DMRM AML

Update: Requested AMLER funds decreased from \$627,924 to \$531,339

This project has reclaimed a dangerous high wall (2,000 linear feet) and improved the reliability and safety of the adjacent active railroad line and county road. Slips, sloughing, and erosion from the highwall will no longer pose a threat to the railroad and roadway. The railway provides up to 60 cars a day of stabilized condensate and coal to the Midwest Utica Terminal which maintains employment for 30 – 35 employees. Potential future development is possible with the addition of another rail line to a proposed landfill.

D.O. Hall Business Center Mine Stabilization - Completed

Status: Preliminary OSMRE approval (5/24/18) - OSMRE final approval ATP issued (12/4/18) - Construction started (3/11/19) - Project completed (6/3/21)

Location: Guernsey County, Ohio

Requested AMLER Funding: \$954,593

Additional Funding: \$150,000 from Cambridge/Guernsey County Community Development Corporation (CIC)

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Rural Action, and the Cambridge/Guernsey County Community Development Corporation (CIC).

Update: Requested AMLER funds decreased from \$1.435 million to \$954,593 and updated the project summary to reflect the specific number of jobs created.

The project has stabilized four acres situated over underground mines within the D.O. Hall Business Center. This has made further development possible into a nine-acre parcel within the business center. Five businesses currently occupy 107 acres of the Business Center and employ a total of 370 individuals. As of November 30, 2022, the nine acres made available by this project have been developed as a parking lot to support expanded operations for FedEx (an existing tenant). With the expansion, FedEx has hired an additional 140 jobs (80 drivers and 60 package handlers).

Friendship Park Highwall - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (5/13/20) - Construction started (9/30/20) – Project completed (12/22/21)

Location: Jefferson County, Ohio

Requested AMLER Funding: \$1.578 million

Additional Funding: \$8,269 from project partners

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Friendship Park District, Jefferson County Commissioners, Ohio Mid-Eastern Governments Association, and the Ohio Public Works Commission (Clean Ohio Conservation)

Update: Requested AMLER funds increased from \$1.206 million to \$1.578 million.

This project has reclaimed over 27 acres within Friendship Park and increased usable acres for visitors. The reclaimed acres have established native grassland which are a rarity in eastern Ohio.

This attraction of new habitat is increasing park attendance as well as being well suited for academic research. Visitors also experience improved safety within the park now that the AML hazards have been removed. Activities in the park include camping, boating, fishing, picnicking, and hunting.

Marcoll Mine Shaft and Facilities - Tabled by Ohio

Status: Preliminary OSMRE approval (3/1/18) - Tabled by Ohio in 2018

Location: Monroe County, Ohio

Requested AMLER Funding: N/A - Originally requested \$1.8 million

Additional Funding: N/A

AML Site Info: Priority 1 unreclaimed

Project Partners: Energy Storage Ventures and PTT Global Chemical America

This project has been tabled by Ohio but originally proposed to reclaim 70 acres including an abandoned mine shaft and associated structures in order to clear land for future development. This site was expected to attract industrial development and businesses that would create local jobs that support the distribution of petroleum products. High producing oil and gas fields, pipelines, and a previously proposed Ethane Cracker plant (tabled in 2020) are located nearby and access to the site would be possible via access to Ohio State Route 7, a railroad line, and the Ohio River.

Powelson Wildlife Area Highwalls - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (5/21/18 and 5/14/21) - Construction started (9/18/18) - Project completed (10/13/22)

Location: Muskingum County, Ohio

Requested AMLER Funding: \$2.866 million

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: ODNR DOW

Update: Requested AMLER funds decreased from \$4.032 million to \$2.866 million.

This project has reclaimed 13,311 linear feet of dangerous highwall for the purpose of increasing visitation through improvements in hunting opportunity. This includes conversion of 130 acres to diverse habitats that are not currently found within the Powelson Wildlife Area. These habitats better manage game species including wild turkey, dove, and wood duck. Removal of the highwalls has also increased safe access to the area for local hunting groups, educational programs, and specialty hunts for handicapped individuals.

Sally Buffalo Park - Completed

Status: Preliminary OSMRE approval (3/1/18) - OSMRE final approval ATP issued (3/12/18) - Construction started (6/25/2018) - Project completed (8/7/21)

Location: Harrison County, Ohio

Requested AMLER Funding: \$632,208

Additional Funding: \$250,000 from Sally Buffalo Park Development

AML Site Info: Priority 1 and Priority 2 unreclaimed

Project Partners: OMEGA, Village of Cadiz, Sally Buffalo Park Board, ODNR DMRM AML

Update: Removed "Phase 2" from the project title as no other phases are associated with AMLER funds. Requested AMLER funds increased from \$631,176 to \$632,208.

This project has reclaimed a dangerous high wall to provide a scenic view and provide space (20 acres) to add 46 additional campsites to the Sally Buffalo Park which is owned and operated by the

city of Cadiz. The park already had 245 campsites and 30-amp electrical service for RVs. The 46 new campsites will be used for primitive camping until new electrical service is run to the area providing 50-amp RV electric hookups. The additional camp sites and improved electrical service is expected to increase visitation and generate an additional \$100,000 in annual revenue.



Sally Buffalo Park

The Wilds - Trout Lake Impoundment - Completed

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (8/13/19) - Construction started (8/21/2019) - Project completed (12/13/21)

Location: Muskingum County, Ohio

Requested AMLER Funding: \$349,739

Additional Funding: \$75,000 from The Wilds

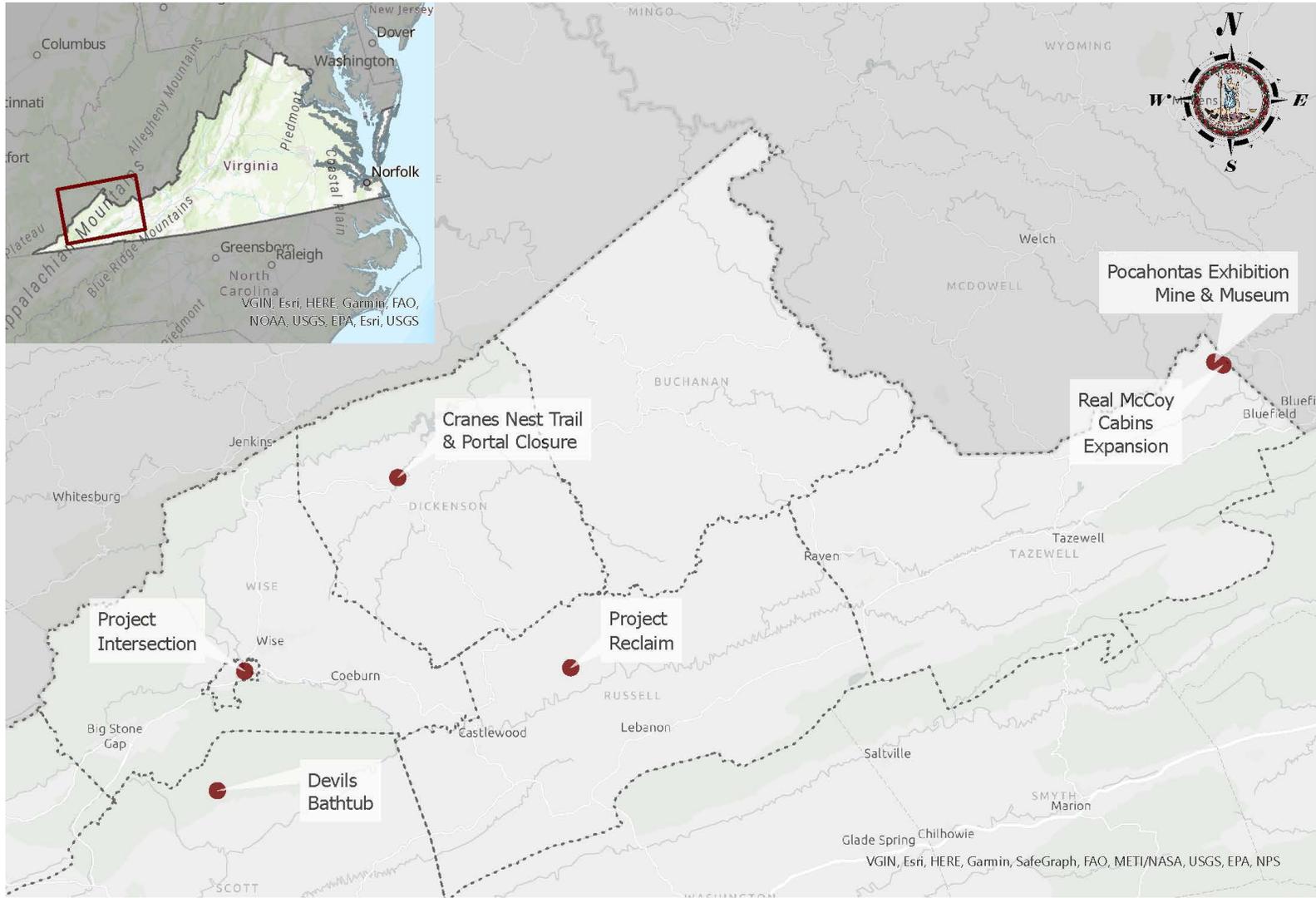
AML Site Info: Priority 1 and Priority 3 unreclaimed and previously reclaimed

Project Partners: The Wilds

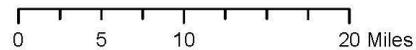
Update: Requested AMLER funds increased from \$313,788 to \$349,739.

This project repaired a previously reclaimed impoundment to prevent erosion of the Trout Lake Dam. Failure of the dam would have resulted in devastating effects to the Wilds, a non-profit safari park and conservation center (which employs 200 people), and their ability to run tours (approximately 120,000 visitors annually). A new road (850 linear feet) was also constructed which will allow for access to areas that will be developed in the future.

Figure 17: Map of Active Projects in Virginia Receiving FY 2017 AMLER Funds



2017 AMLER PROJECTS



FY 2017 Virginia

As of November 30, 2022, Virginia had selected and submitted a total of seven projects to OSMRE to confirm eligibility of each project using a portion of its FY 2017 AMLER grant (all of which received OSMRE's preliminary approval). Virginia has tabled one of the seven projects, therefore, six projects are currently active and have been awarded a portion of Virginia's \$10 million FY 2017 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in four counties and one city in western Virginia (*Figure 17*), the six active FY 2017 AMLER projects include two production/commercial projects and four point-of-interest/tourism projects. The projected combined benefits for these projects are: 63 direct jobs created/retained (with more expected as development is completed), 10,644 visitors attracted to points of interest (with more expected as development is completed), 1.52 miles of public trail constructed, 235 acres of land reclaimed, and 720 linear feet of utility lines constructed. Additional benefits include a 175,000 and 100,000 square foot industrial building pads and a larger parking lot to support peak visitation of 800 - 1000 visitors per weekend of a popular trail. The six active AMLER projects are expected to leverage an estimated additional \$0.52 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through [Virginia Energy](#).

Projects Submitted to OSMRE PSD Requesting FY 2017 AMLER Funds

Project Reclaim (Phase 1) - Completed

Status: Preliminary OSMRE approval (5/25/18) - OSMRE final approval ATP issued (11/7/18) - Construction started (3/1/19) - Project completed (11/29/21)

Location: Russell County, Virginia

Requested AMLER Funding: \$3.2 million

Additional Funding: Land donated by The Russell County Reclamation, LLC with a value of \$1,105,500

AML Site Info: Priority 1, 2, 3, and 5; unreclaimed and previously reclaimed

Project Partners: Russell County Reclamation, LLC and Russell County Industrial Development Authority

The project has backfilled and graded a 32-acre gob pile to repurpose 35 acres of adjacent lands for future development. Three of the 35 acres have been developed as a building pad for a 100,000 square foot building which will host a business that will create jobs. The end goal for the site is to create a 67-acre regional industrial site. Infrastructure in proximity has been repurposed to support the new industrial site and includes: 25,000 linear feet of existing rail siding, access to a 69 kV electric distribution line, electric substations, over 1.75 miles of gravel road, four access points with two bridges over Dumps Creek, redundant sources of water supply and natural gas. Three industrial projects have expressed interest in the site once all project phases are completed.



Completed Project Reclaim site
Photo Credit: Virginia Division of Mined Land Reclamation

Cranesnest Trail and Portal Closure Project - Completed

Status: *Preliminary OSMRE approval (3/29/18) - OSMRE final approval ATP issued (11/13/19) - Construction started (7/6/20) - Project completed (9/1/21)*

Location: *Dickenson County, Virginia*

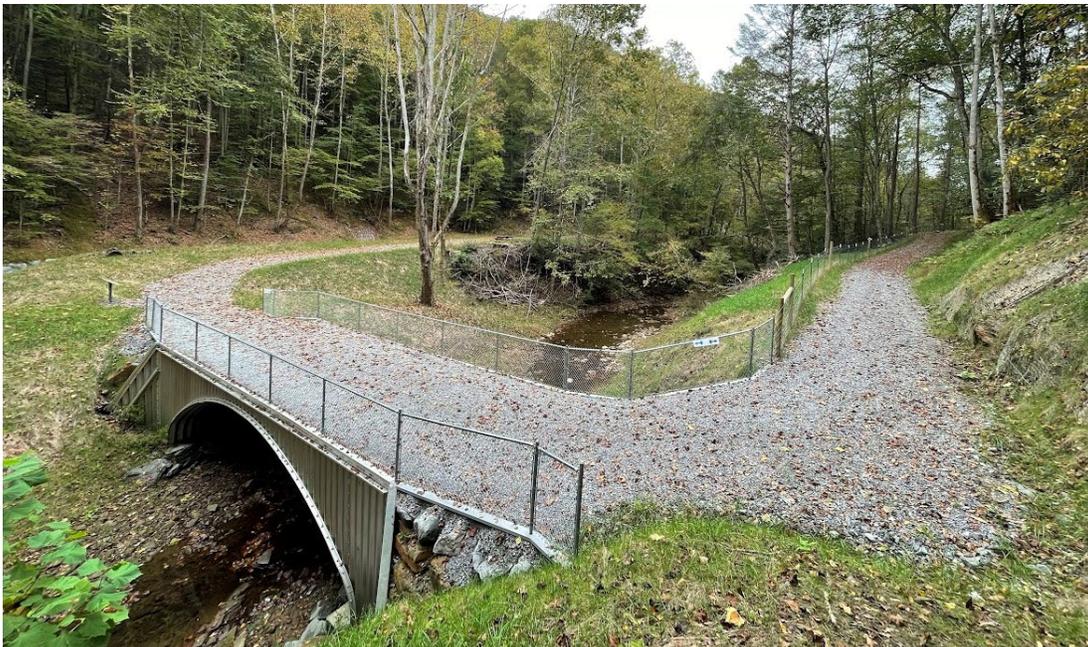
Requested AMLER Funding: *\$711,100*

Additional Funding: *\$26,775 as in-kind value from Dickenson County*

AML Site Info: *Priority 1 and Priority 3 unreclaimed and previously reclaimed*

Project Partners: *Dickenson County*

The project has closed nine old mine portals and converted 7,500 linear feet of the access road into a multiuse recreation trail. Additionally, 540 linear feet of new trail and a bridge across Holly Creek were constructed and connected with the existing Cranesnest Trail. The connection allows the Cranesnest Trail to be connected to the road system serving the Cranesnest Campground and the Boat Ramp on Flannagan Reservoir and position the trail for further expansion on Flannagan Reservoir. Between September 2021 and June 2022, 6,644 visitors used the trail.



Completed Cranesnest Trail and Portal Closure Project

Pocahontas Exhibition Mine and Museum (Phase 1) - Completed

Status: Preliminary OSMRE approval (3/29/18) - OSMRE final approval ATP issued (2/6/19) - Construction started (7/10/20) - Project completed (4/4/22)

Location: Tazewell County, Virginia

Requested AMLER Funding: \$1.528 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of Pocahontas, Tazewell County Board of Supervisors, Tazewell County Tourism, Cumberland Plateau Planning District Commission, and Thompson & Litton, Inc.

Update: The estimated increase in visitation has been divided between the phase 1 and phase 2.

This project has refurbished the Pocahontas Exhibition Mine and Museum which lies near the Spearhead and Hatfield-McCoy Off-Road Trail Systems. With the renovation, four part-time jobs have been created and new visitors are being attracted to the Exhibition Mine and Museum from the nearby trails. A second phase of this project (with FY 2018 AMLER funds) has made additional mine improvements, added a tram stop to the mine, and upgraded the on-site eatery. Due to the improvements from both phases, ticket sales increased 24% in 2022, generating an estimated \$40,368 in revenue.



Completed Pocahontas Exhibition Mine and Museum (Phase 1)

Project Greenhouse - Tabled by Virginia

Status: Preliminary OSMRE approval (2/4/21) - Tabled by Virginia in 2022

Location: Russell County, Virginia

Requested AMLER Funding: N/A - Originally requested \$2 million

Additional Funding: N/A

AML Site Info: Priority 3 and Priority 5; unreclaimed and previously reclaimed

Project Partners: Russell County IDA

Update: Project added to FY 2017 AMLER grant due to the availability of funding but tabled by Virginia in 2022.

This project has been tabled by Virginia but originally proposed to construct a 35,000 square foot commercial greenhouse on approximately seven acres. The greenhouse had planned to include electrical, heating/cooling, and plumbing infrastructure and the site would have been improved with an upgraded access road, a waste treatment system, waterline connection/replacement, and a potential renewable energy package. A prospective tenant had indicated plans to lease the greenhouse and other companies had also showed interest in the site if space became available. The initial greenhouse was estimated to create 15 jobs with proposed expansions further increasing employment opportunity.

Project Intersection (Phase 1)

Status: Preliminary OSMRE approval (3/30/18) - OSMRE final approval ATP issued (4/22/19) - Construction started (7/6/20)

Location: City of Norton, Virginia

Requested AMLER Funding: \$3.5 million

Additional Funding: \$3.25 million from project partners (including \$1.25 million from the Virginia Tobacco Commission and \$2 million pending from EDA).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

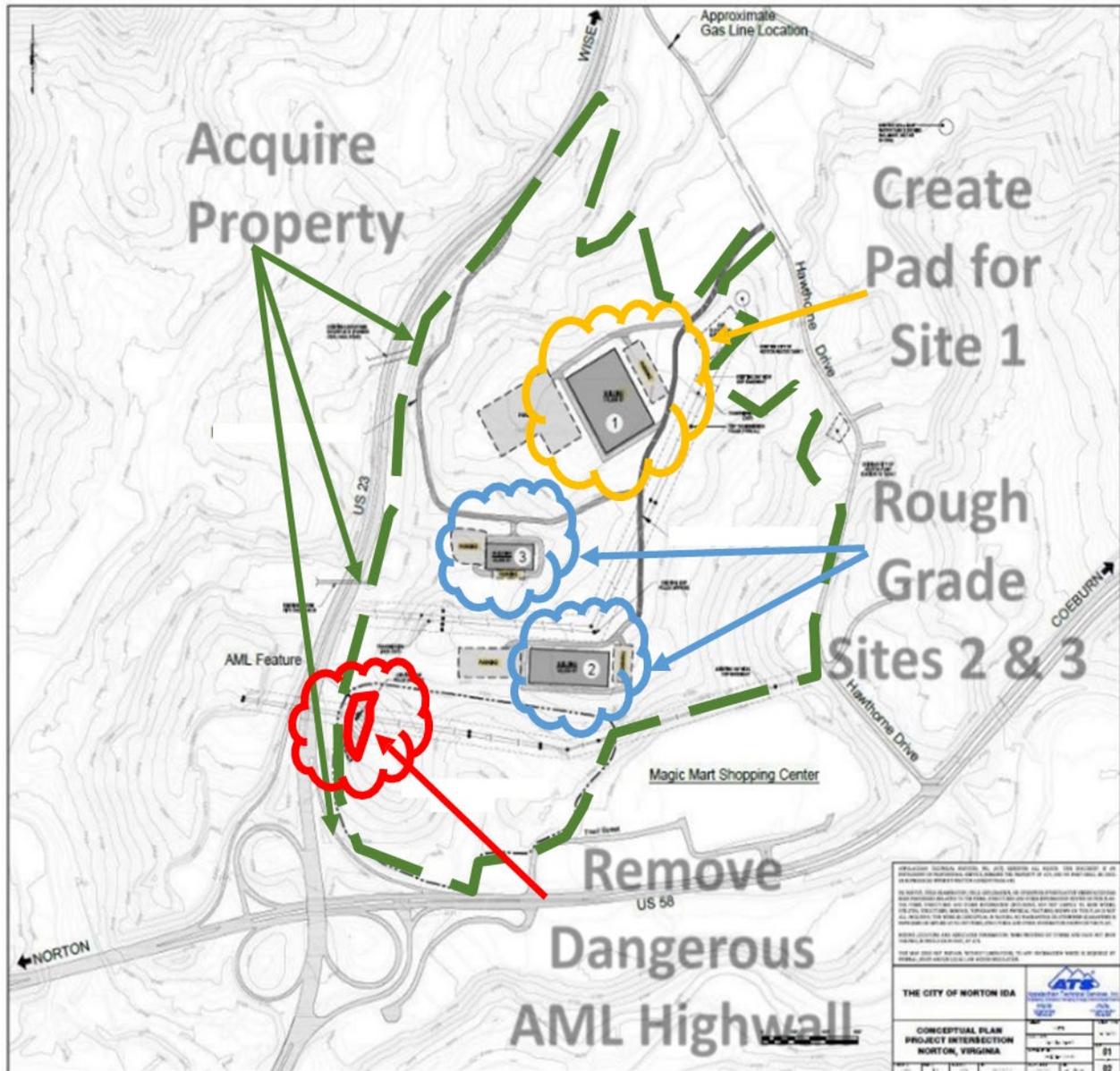
Project Partners: Industrial Development Authority of the City of Norton, Regional Industrial Facilities Authority, and the Virginia Tobacco Commission

Update: \$2 million in additional funding added that was previously associated with phase 2 (FY 2018).

This project is the first phase in the creation of 200 acres of desirable and highly visible industrial property with multiple building pads. This phase involves the purchase of the 200 acres, reclamation of an unstable highwall, rough grading for industrial pads (sites 2 and 3), and construction of a 175,000 square foot shell building (site 1). This building has generated a letter of interest that estimates the creation of 63 jobs within three to four years of completion. Future phases include site development for at least two additional industrial buildings (100,000 and 45,000 square feet) in addition to one mile of access roads and additional infrastructure (4,000 linear feet for water and sewer lines, and the deployment of broadband, natural gas, electric service).



Construction of Phase I of Project Intersection



Proposed work for Phase I of Project Intersection

Real McCoy Cabins Expansion

Status: Preliminary OSMRE approval (11/5/20) - OSMRE final approval ATP issued (3/16/22)

Location: Tazewell County, Virginia

Requested AMLER Funding: \$527,361

Additional Funding: \$750,000 previously invested by Real McCoy Cabins

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Tazewell County, Real McCoy Cabins

Update: Project added to FY 2017 AMLER grant due to the availability of funding.

This project will expand lodging available at the Real McCoy Cabins facility which provides lodging for visitors to the Spearhead and Hatfield and McCoy ATV trail systems. The facility currently offers six cabins (with a total capacity of 51 guests), hosts 2,868 annual guests, generates \$113,853.77 in sales, and employs four full-time and one part-time staff. AMLER funds will be

used to construct one large family cabin (1,976 square feet for up to 20 guests per night), six treehouses (each accommodating six visitors for a total of 36 additional guests per night), one bathhouse with a game room/arcade (the bathhouse allows the facility to also accommodate 16 tent campers per night), extend water (320 linear feet), sewer (80 linear feet), and electric (320 linear feet) utilities to new building sites, additional graveled parking to accommodate guests. These enhancements will allow accommodations for an additional 72 visitors per night, bringing the total overnight visitors to 123 visitors per night. It is estimated that each overnight guests brings \$100 per day into the local economy and the expanded facility could create two to three new jobs.



Aerial View of the Real McCoy Cabins

Upper Tennessee River Roundtable - Devil's Fork Project

Status: Preliminary OSMRE approval (3/29/18) - OSMRE final approval ATP issued (5/23/18) and reissued (3/16/22) - Construction started (11/7/22)

Location: Scott County, Virginia

Requested AMLER Funding: \$283,000

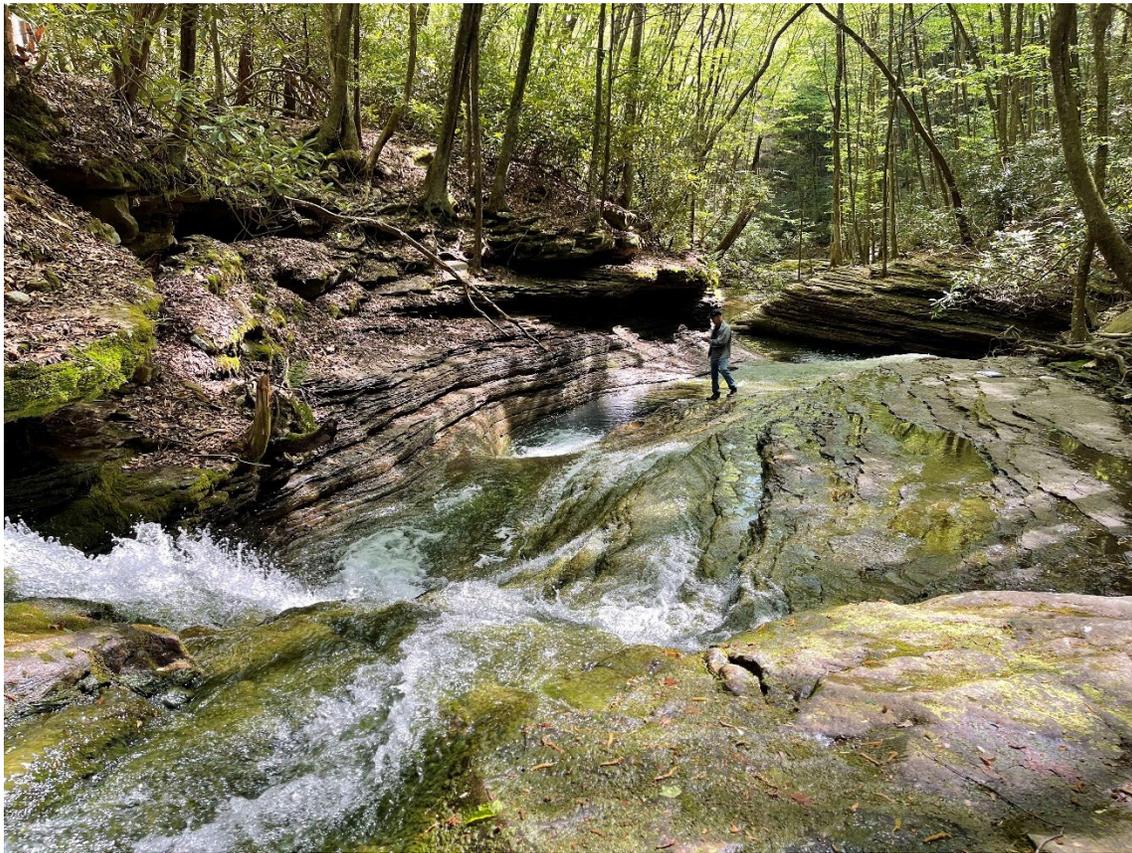
Additional Funding: \$66,730 as in-kind value from the Conservation Legacy and the U.S Forest Service

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: U.S. Forest Service, Friends of SW Virginia, Scott County, and Conservation Legacy

Update: Project was temporarily tabled by Virginia due to an expected need for additional funding based on a change in project size. The ATP, previously dated 5/23/18, was reissued on 3/16/22 and requested AMLER funding increased from \$88,302 to \$283,000 and additional funding was decreased from \$172,350 to \$66,730.

This project will enhance the Devil's Fork Loop Trail through development of a new parking lot, trail improvements, and mitigation of two adjacent mine portals. The 7.3-mile trail is the primary access to the famous Devil's Bathtub and Three Forks waterfall and currently is not equipped to handle peak visitation of 800 - 1000 visitors per weekend.



Devil's Bathtub

VI. Implementation of the FY 2018 AMLER Program

OSMRE notified eligible states and Tribes on May 22, 2018, that their AMLER funding was available, and they could prepare grant applications. As of November 30, 2022, OSMRE has awarded FY 2018 AMLER grants to Kentucky, Pennsylvania, and West Virginia (\$25 million each), Alabama, Ohio, and Virginia (\$10 million each), and the Crow Tribe and Navajo Nation (\$3.33 million each). OSMRE is working with the Hopi Tribe to submit a FY 2018 AMLER grant applications.

OSMRE released the *FY 2018 AML Pilot Guidance Document* on September 14, 2018. This guidance document was developed by OSMRE to assist states and Tribes in their selection of projects and reflected several improvements from the previous year. Updates to the guidance document for FY 2018 included reporting requirements and instruction for the purchase of real property. The guidance document outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria.

OSMRE facilitated a meeting on October 30, 2018, in Colorado with Tribal AML Program staff from the Crow Tribe, Hopi Tribe, and the Navajo Nation to introduce and provide guidance on the AMLER Program. A follow-up meeting was held on December 18, 2018, with state and Tribal AML Program staff from Kentucky, Pennsylvania, West Virginia, Alabama, Ohio, Virginia, Crow Tribe, Hopi Tribe, and the Navajo Nation to address questions and discuss changes and clarifications from the previous year.

Figure 18: Status of FY 2018 AMLER Projects

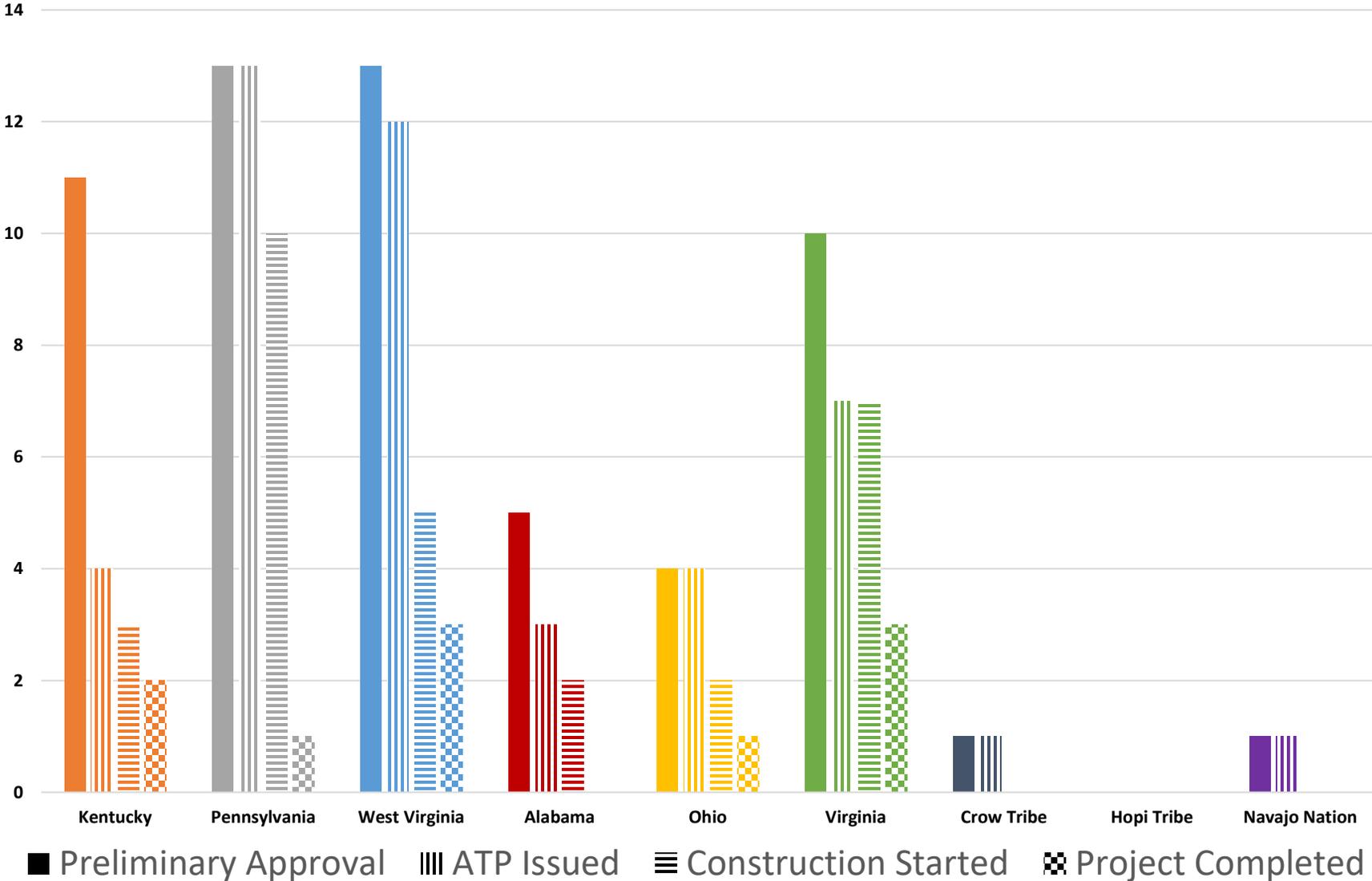
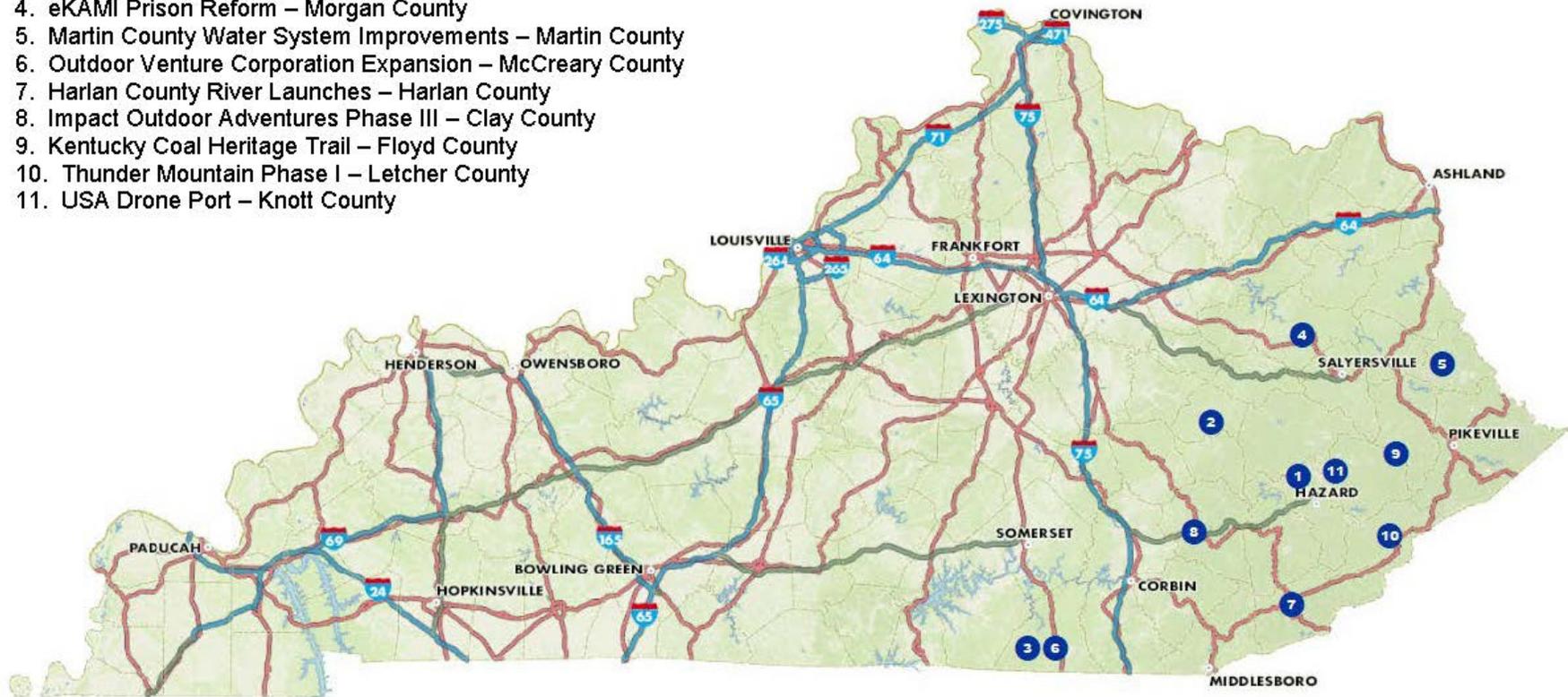


Figure 19: Map of Active Projects in Kentucky Receiving FY 2018 AMLER Funds

- 1. Project Core – Perry County
- 2. Beattyville Connect – Lee County
- 3. Big South Fork Scenic Railway Slide Repair – McCreary County
- 4. eKAMI Prison Reform – Morgan County
- 5. Martin County Water System Improvements – Martin County
- 6. Outdoor Venture Corporation Expansion – McCreary County
- 7. Harlan County River Launches – Harlan County
- 8. Impact Outdoor Adventures Phase III – Clay County
- 9. Kentucky Coal Heritage Trail – Floyd County
- 10. Thunder Mountain Phase I – Letcher County
- 11. USA Drone Port – Knott County



FY 2018 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of 12 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2018 AMLER grant. One of those projects did not meet the AMLER eligibility criteria and the applicant was referred to other potential funding sources that better aligned with the project's objective. OSMRE issued preliminary approval for the other 11 projects, of which, all are currently active and have been awarded a portion of Kentucky's \$25 million FY 2018 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER Report are marked as an "Update" for each project in the list below.

Located across ten counties in eastern Kentucky (*Figure 19*), the 11 active FY 2018 AMLER projects include one infrastructure project, three production/commercial projects, one professional training/education project, and six point-of-interest/tourism projects. The projected combined benefits for these projects are: 1,731 direct jobs created/retained (with more expected as development is completed), 428,150 visitors attracted to points of interest (with more expected as development is completed), 1.3 miles of public trail constructed, 10 acres of land reclaimed, workforce training for 30 students annually, 5,600 linear feet of utility lines constructed, and 100 households improved by new infrastructure. Other benefits include the construction of 13,000 square feet of commercial buildings. The 11 active AMLER projects are expected to leverage an estimated additional \$1.03 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Project Core - Completed

Status: Preliminary OSMRE approval (5/2/19) - OSMRE final approval ATP issued (10/11/19) - Construction started (2/14/20) - Project Completed (11/1/20)

Location: Perry County, Kentucky

Requested AMLER Funding: \$6.5 million

Additional Funding: \$17.9 million from project partners (including \$3.6 million from the Perry County Fiscal Court and \$14.3 million from Dajcor Aluminum Ltd.).

AML Site Info: Priority 3 unreclaimed

Project Partners: Perry County Fiscal Court and Dajcor Aluminum Ltd., and One East Kentucky

This project provided a new aluminum extrusion press needed for Dajcor Aluminum Ltd. to move into the Coalfield Regional Industrial Park (separate project funded by the FY 2017 AMLER Program). As of November 30, 2022, Dajcor has created 40 new jobs at the site and projects eventually hiring up to 220 employees including local talent including candidates trained at the Eastern Kentucky Advanced Manufacturing Institute (eKAMI) (funded by the FY 2016 and 2017 AMLER Program). Parts produced by Dajcor can be utilized by SilverLine who occupies an industrial building in the Marion Branch Industrial Park (funded by the FY 2016 AMLER Program).



Aluminum Extruder Provided for Project Core

Beattyville Connect

Status: Preliminary OSMRE approval (11/15/19)

Location: Lee County, Kentucky

Requested AMLER Funding: \$1.25 million

Additional Funding: \$35,000 from the City of Beattyville

AML Site Info: Priority 3 unreclaimed

Project Partners: City of Beattyville

This project is proposing to purchase 10 acres to develop a hiking/biking trail head along Crystal Creek. The trail head will include bathrooms, picnic pavilion, playground, bike racks, bike wash station, mountain bike ramps, parking area, interpretive signs, and a passive acid mine drainage treatment facility. Additionally, the project would construct 0.8 mile of sidewalk, apply asphalt to 0.5 mile of road/trail, and develop the Town Square to serve as a venue for markets and performances. These improvements are estimated to create 115 jobs (construction and business startups), 20% increase travel expenditure over five years, 30 % increase in vendors and visitors to the Town Square over two years, four to five jobs within two years on Main St, and occupancy of two vacant commercial spaces within three years.

Big South Fork Scenic Railway Slide Repair - Completed

Status: Preliminary OSMRE approval (1/10/20) - OSMRE final approval ATP issued (2/20/20) - Construction started (7/5/20) - Project Completed (11/4/21)

Location: McCreary County, Kentucky

Requested AMLER Funding: \$1.755 million

AML Site Info: Priority 3 unreclaimed

Project Partners: McCreary County Heritage Foundation, Inc.

Update: Requested AMLER funding increased from \$1.5 million to \$1.755 million to reclaim an addition 400 linear feet of rail. Removed reference to a pedestrian walkway that was optional feature.

This project has reclaimed two landslides that impacted two separate 400 linear feet sections of rail line (800 linear feet in total) that are part of the Big South Fork Scenic Railway. Upon completion of the Historic Stearns Downtown Revitalization Project (FY 2017 AMLER project), the tourist

railway ride will reopen and use the railway cleared during this project. This restoration of rail access is expected to increase ridership of the Big South Scenic Railway by 25% (5,000 visitors with annual revenue of \$145,000), restore 50% of visitors to the Big South Fork National River and Recreation Area (estimated 380,000 annual visitors), and increasing the sales at the Blue Heron area gift shop by 70%.



Rail Steel Installation as Part of the Big South Fork Scenic Railway Slide Repair

Eastern Kentucky Advanced Manufacturing Institute (eKAMI) Prison Reform

Status: Preliminary OSMRE approval (9/4/19)

Location: Morgan County, Kentucky

Requested AMLER Funding: \$6.4 million

Additional Funding: \$1.4 million from the Appalachian Regional Commission

AML Site Info: Priority 3 unreclaimed

Project Partners: Appalachian Regional Commission, Kentucky Department of Corrections, East Kentucky Advanced Manufacturing Institute, and the Big Sandy Area Development District

Update: Requested AMLER funding increased from \$3.4 million to \$6.4 million and revised the list of partners.

This project is an extension of the eKAMI AMLER Project (funded by the FY 2016 and 2017 AMLER Program) that constructed a training center to train 50 students per year in the use of advanced manufacturing equipment. This new project is proposing to build a training facility adjacent to the Eastern Kentucky Correctional Complex (a medium security facility) that could train up to 30 inmates per year. This project is expected to create additional jobs at the new training facility and provide inmates the opportunity for employment following incarceration. This is expected to reduce recidivism, which would save the prison system an estimated \$300,000 annually.

Harlan County River Launches

Status: Preliminary OSMRE approval (5/22/20)

Location: Harlan County, Kentucky

Requested AMLER Funding: \$376,000

AML Site Info: Priority 3 unreclaimed

Project Partners: Harlan County Fiscal Court, Kentucky Department of Fish & Wildlife Resources, Kentucky Department of Transportation, Harlan County Tourism, and the Harlan County Conservation District

Update: Project added to FY 2018 AMLER grant due to the availability of funding and revised the list of partners.

This project will design, construct, and promote nine river launches and two dock launches for kayak/canoe access into the Cumberland River and tributaries, Cranks Creek Lake, and Highsplint Lake. The launches will provide access for recreation and fishing. The project is estimated to create 12 -16 temporary construction jobs and increase recreational tourism in the area. This increase is expected to help attract new businesses, such as outfitters or guide services.

Impact Outdoor Adventure (Phase 3)

Status: Preliminary OSMRE approval (12/3/20) - OSMRE final approval ATP issued (5/20/22)

Location: Clay County, Kentucky

Requested AMLER Funding: \$350,000

Additional Funding: \$35,000 as in-kind value from the Manchester Tourism Commission

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: Manchester Tourism Commission

Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project continues developments from the first two phases (funded with FY 2016 and FY 2017 AMLER funds) in the creation of an Outdoor Adventure Park for mountain bikes adjoining 15 miles of existing trails across 47-acres. This third phase will construct 800 linear feet of concrete driveway at the entrance to the park, pave 2,500 linear feet of road in the campground, construct a swimming pool with fencing, install a new septic grinder/pump to provide sewer service to the existing cabin, purchase and install a prefabricated storage building to serve as check in station and camp store, and construct a concrete dumpster pad with privacy fence. When fully operational, the park will have created eight to ten permanent jobs and host a growing number of visitors (600 in 2020, 2,800 in 2021, and 3,500 in 2022)

Kentucky Coal Heritage Trail

Status: Preliminary OSMRE approval (9/30/21)

Location: Floyd County, Kentucky

Requested AMLER Funding: \$225,000

Additional Funding: \$75,000 from the Wayland Historical Society

AML Site Info: Priority 3 unreclaimed

Project Partners: Wayland Historical Society, Coal Camp Network, KY Coal Heritage Trail, and CEDAR Inc.

Update: Project added to FY 2018 AMLER grant due to the availability of funding and revised the list of partners.

This project will create a scenic driving tour to promote tourism highlighting coal mining heritage across 20 counties in KY. The trail will be created with the formation of a trail map, website, and phone app that visitors can access to learn about relevant sites to visit. Each participating county will have at least one point of interest and the trail as a whole is expected to highlight 35 points of interest in total. Some points include horseback and ATV trails through coal mined lands, a local

sports hall of fame, a lodging facility and conference center that were converted from old coal mining buildings, Portal 31 Exhibition Mine (2016 AMLER project), Historic Stearns Railway Project (2017 AMLER project), and the Appalachian Wildlife Center (2016 AMLER project). Signage will also be developed for attractions along the trail to construct and provide additional information to visitors. In its first year, the website and app are expected to have over 1,000 users and result in \$339,000 annual economic impact.

Martin County Water System Improvements

Status: Preliminary OSMRE approval (8/15/19)

Location: Martin County, Kentucky

Requested AMLER Funding: \$2 million

AML Site Info: Priority 2 unreclaimed

Project Partners: Martin County Water District and the Big Sandy Area Development District

Update: Revised the list of partners.

This project proposes to improve local water infrastructure that will serve the Eastern Kentucky Business Park, Big Sandy Regional Airport, Big Sandy U.S. Penitentiary, and approximately 100 households. Infrastructure to be added includes a 400 gallon per min pump station, 250,000-gallon storage tank, and 1,000 ft of new water line. The current facilities supported by the water provide 500 jobs, and with improvements to the water system, it is expected that new businesses will be attracted to the business park and could create up to 500 new jobs.

Outdoor Venture Corporation Expansion

Status: Preliminary OSMRE approval (6/7/19) - OSMRE final approval ATP issued (9/16/20) - Construction started (8/30/21)

Location: McCreary County, Kentucky

Requested AMLER Funding: \$3.5 million

Additional Funding: \$5 million from project partners (including \$2 million from the Outdoor Venture Corporation, \$2 million from USDA-REDLG funds, and \$1 million from a Community Development Block Grant).

AML Site Info: Priority 3 unreclaimed

Project Partners: McCreary County Fiscal Court and Outdoor Venture Corporation

This project will provide industrial manufacturing equipment to the McCreary County Industrial Development Authority for use by the Outdoor Venture Corporation. This equipment will be used to produce state-of-the-art camouflage netting for the military. With this equipment, the Outdoor Venture Corporation is projected to create 150 jobs in the first 2 years and a total of 350 jobs in ten years.

Thunder Mountain (Phase 1)

Status: Preliminary OSMRE approval (6/2/20)

Location: Letcher County, Kentucky

Requested AMLER Funding: \$1.065 million

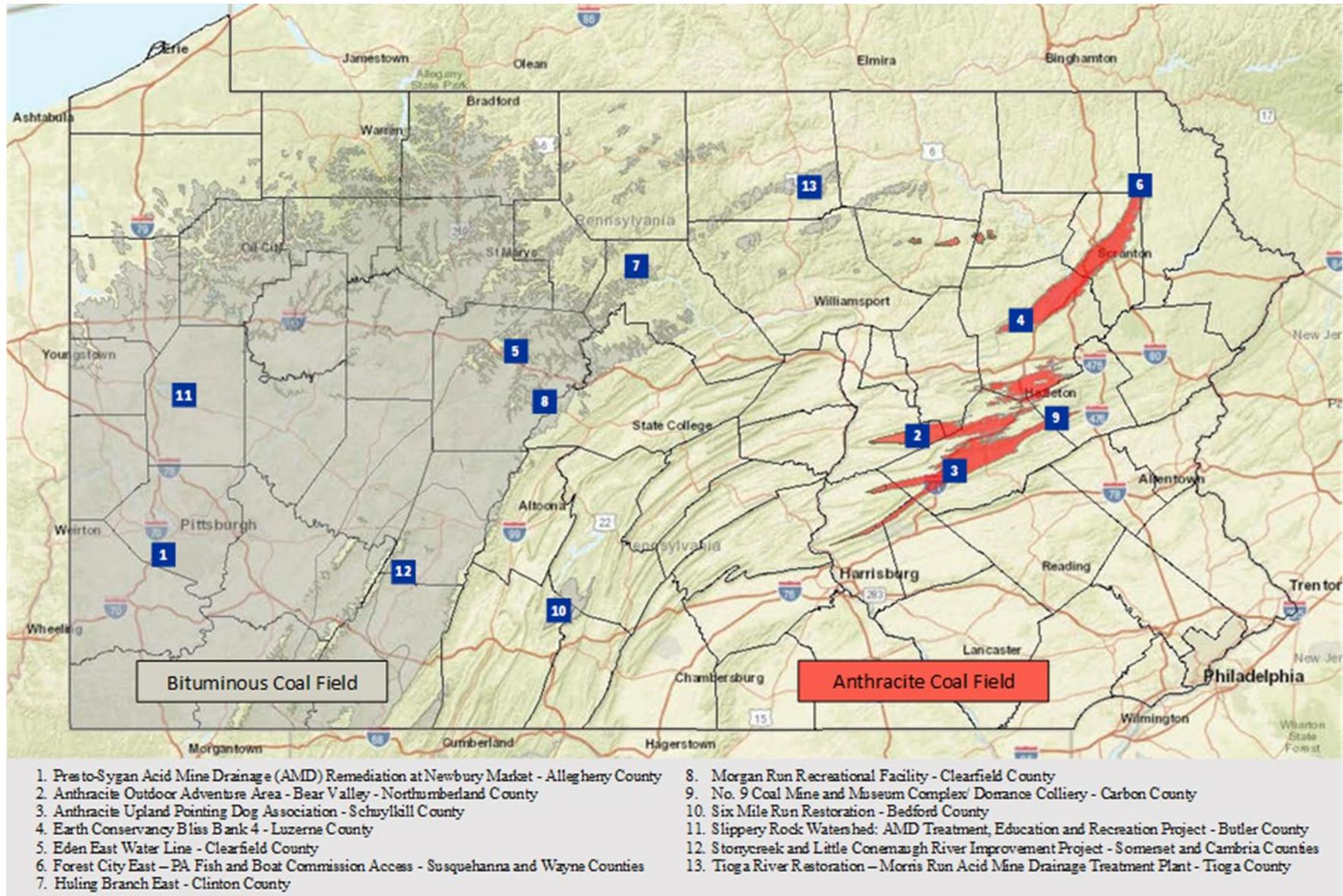
Additional Funding: \$439,400 as in-kind value

AML Site Info: Priority 3 unreclaimed

Project Partners: Letcher County Fiscal Court, Childers Oil Company, Kentucky River Properties, Eastern Kentucky Heritage Foundation, and The Harris Group.

Update: Project added to FY 2018 AMLER grant due to the availability of funding and revised the list of partners.

Figure 20: Map of Active Projects in Pennsylvania Receiving FY 2018 AMLER Funds



FY 2018 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of 15 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2018 AMLER grant (all of which received OSMRE's preliminary approval). Pennsylvania has tabled 2 of the 15 projects, therefore, 13 projects are currently active and have been awarded a portion of Pennsylvania's \$25 million FY 2018 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in 14 counties across Pennsylvania (*Figure 20*), the 13 active FY 2018 AMLER projects include two multi-purpose projects, one production/commercial project, two infrastructure projects, and eight point-of-interest/tourism projects. The projected combined benefits for these projects are: 13,627 direct jobs created/retained, 133,800 visitors attracted to points of interest (with more expected as development is completed), 13.69 miles of public trails constructed, 234.8 acres of land reclaimed, 30 miles of streams reclaimed (with more expected as development is completed), 119,460 linear feet of utility lines constructed, and 38 households improved by new infrastructure. The 13 active AMLER projects are expected to leverage an estimated additional \$1.33 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#)

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Presto-Sygan Acid Mine Drainage (AMD) Remediation at Newbury Market

Status: Preliminary OSMRE approval (3/18/19) - OSMRE final approval ATP issued (7/14/20)

Location: Allegheny County, Pennsylvania

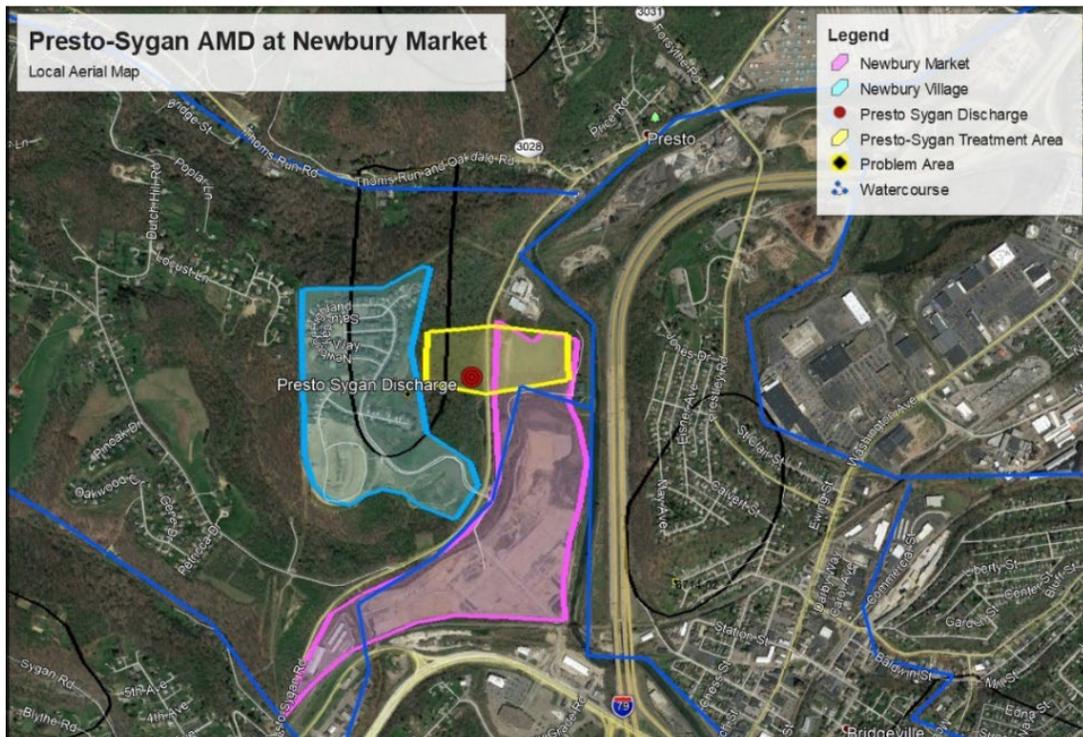
Requested AMLER Funding: \$1.492 million

Additional Funding: \$264,944 from project partners (including \$200,000 as in-kind value from Newbury Development Associates, \$47,817 from Biomost, \$8,321 from Growing Greener, \$4,306 from Stream Restoration Inc., and \$4,500 from Quality Aggregates Inc.).

AML Site Info: Priority 3 unreclaimed

Project Partners: Growing Greener, Newbury Development Associates, Biomost, Stream Restoration Inc., and Quality Aggregates, Inc.

This project will construct a passive AMD treatment system in conjunction the creation of Newbury Market, a \$500 million residential and commercial development. Significant economic impact is expected including the construction of 200 houses and the creation of 5,800 full time jobs. An additional 821 non-permanent and 636 support jobs are also projected to be created. Other aspects of the development include a hiking trail, over 10,000 linear feet of new sanitary sewer mains, over 12,000 linear feet of new water and gas lines, and over 7 miles of new local roads, including several new bridges. Plans include over \$10 million worth of improvements to the existing local and state highway infrastructure and estimate that \$64 million will be generated in state tax (payroll, sales, corporate, etc.).



Presto-Sygan Acid Mine Drainage (AMD) at Newbury Market Site

Anthracite Outdoor Adventure Area (AOAA) - Bear Valley

Status: Preliminary OSMRE approval (2/26/19) - OSMRE final approval ATP issued (3/25/19) - Construction started (8/15/19)

Location: Northumberland County, Pennsylvania

Requested AMLER Funding: \$2.5 million

Additional Funding: \$7.175 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Northumberland County and the AOAA Authority

This project will reclaim approximately 90 acres of AML to expand development of the Anthracite Outdoor Adventure Area (AOAA). The AOAA trail system will be expanded to include approximately 6,600 linear feet of extreme Jeep crawling trails and approximately 4,370 linear feet of Jeep/ATV/dirt bike trails. A parking lot (150 feet by 300 feet), helicopter pad (100'x100') for medical emergencies, and approximately 4,900 linear feet of improved roads for two-wheel drive vehicles will also be constructed. Currently, AOAA sells 30,000 passes per year and anticipates selling 37,500 passes annually after construction is completed.

Anthracite Upland Pointing Dog Association

Status: Preliminary OSMRE approval (4/24/19) - OSMRE final approval ATP issued (9/19/19) - Construction started (3/13/20)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$450,000

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Schuylkill County Conservation District, Penn State University Stewardship, Penn State Schuylkill Campus, Chesapeake Watershed Stewardship, Ruffed Grouse Society, Pheasants Forever, PA Game Commission, PA Falconry Association, American Kennel Club, North American Versatile Hunting Dog Association, and the Williams Valley Jr./Sr. High School

This project will reclaim 10.6 acres of AML and seed an additional 18.2 acres to create 28.8 acres of habitat to attract birds for hunting. The site will be utilized for training hunting dogs and environmental education. It is anticipated that the site will be used for dog training 30 days per year with 40 participants for each event. The North American Versatile Hunting Dog Association (NAVHDA) Invitational plans to use the site to host 200 dogs and over 1,000 participants annually. In the off-season, the site would be used by 250 students annually for environmental education.

Cecil Township Municipal Park - Tabled by Pennsylvania

Status: Preliminary OSMRE approval (3/11/19) - OSMRE final approval ATP issued (4/16/19) - Tabled by Pennsylvania in 2019

Location: Washington County, Pennsylvania

Requested AMLER Funding: N/A – Originally requested \$1.9 million

Additional Funding: N/A

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: Cecil Township and ABB, Inc.

This project has been tabled by Pennsylvania but originally proposed to reclaim 26 acres of AML to clear the site for development of the Cecil Township public works building, a salt storage shed, and 3,700 linear feet of walking trail. With the new public works building, Cecil Township would have been able to hire six more employees (four full time and two part time) and increase the amount of work they do by approximately 42%. Cecil Township estimated that a potential 1,100 residents would have used the trail annually.

Crowley Run Diversion - Tabled by Pennsylvania

Status: Preliminary OSMRE approval (5/30/19) - Tabled by Pennsylvania in 2020

Location: Clinton County, Pennsylvania

Requested AMLER Funding: N/A – Originally requested \$1 million

Additional Funding: N/A

AML Site Info: Priority 3 unreclaimed

Project Partners: Lock Haven University, PFBC, PSU-Hazleton, Clinton County Conservation District, and the Pennsylvania Department of Conservation and Natural Resources (DCNR)

Update: Project was tabled by Pennsylvania in 2020.

This project has been tabled by Pennsylvania but originally proposed to construct a 1-mile diversion channel for Crowley Hollow that would have significantly improved water quality in the final 1.2 miles of the AMD impacted Cooks Run. Economic benefits would have included the creation of 30 temporary construction jobs and restoration of \$94,000 in lost annual revenue from trout fishing. As part of the Sproul State Forest, outdoor recreation opportunities were expected to increase visitation by 4% (approx. 7,000 visitors per year).

Earth Conservancy Bliss Bank 4

Status: Preliminary OSMRE approval (2/26/19) - OSMRE final approval ATP issued (6/30/20)

Location: Luzerne County, Pennsylvania

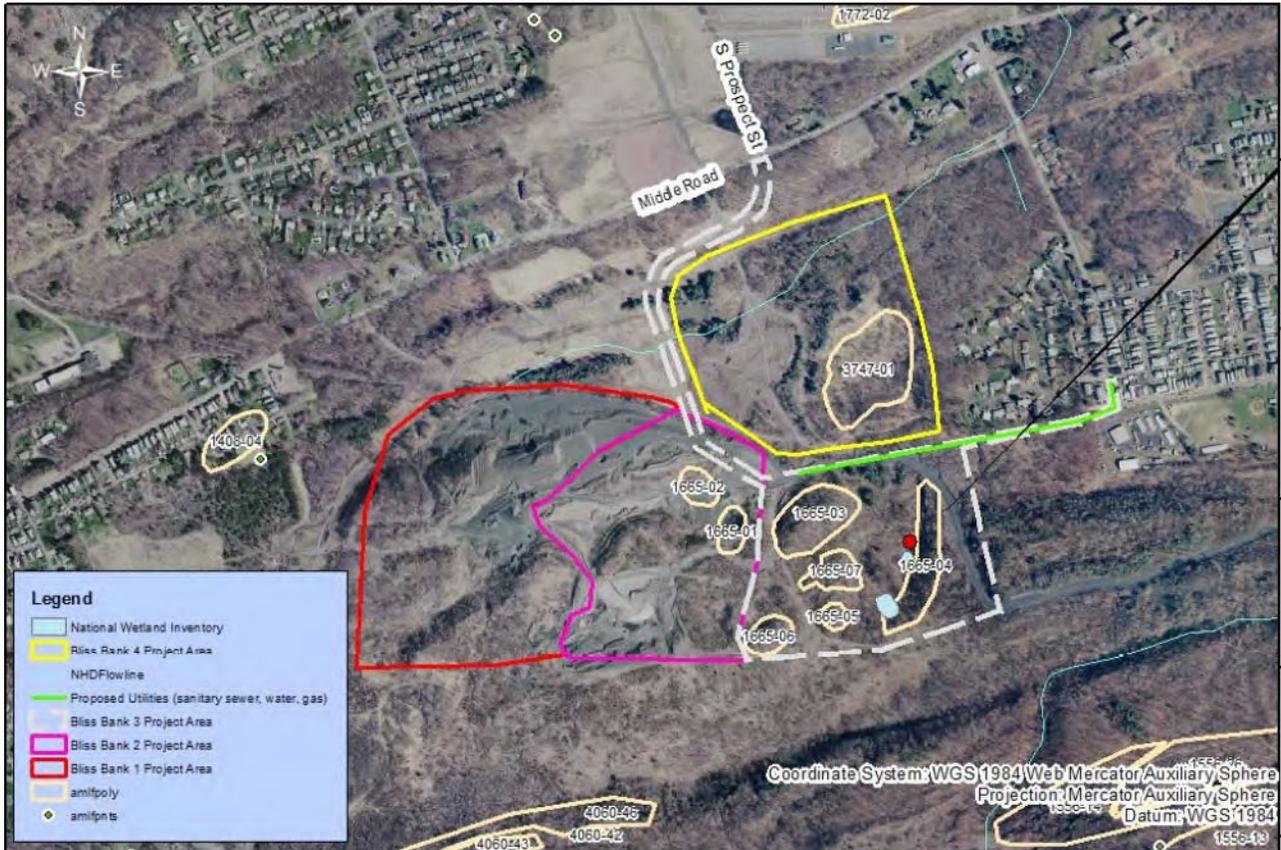
Requested AMLER Funding: \$2.5 million

Additional Funding: \$823,852 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Earth Conservancy

This project is continuation of projects at the Bliss Bank site (preceded by Bliss Bank 3 utilizing FY 2017 AMLER funding). FY 2018 AMLER funds will be used in this project to reclaim 31 acres of AML within the Bliss Bank Business Park for future development. Infrastructure to connect the expanded area to the rest the business park will be added and includes installation of 1,600 linear feet of natural gas, water, electric, and sewer lines. These additions are expected to also improve reliability of the infrastructure on the original 220-acres of the business park. A new business that would move onto the 31-acre site is anticipated to sustain 124 jobs.



Bliss Bank 4 Project Area

Eden East Water Line

Status: Preliminary OSMRE approval (7/29/19) - OSMRE final approval ATP issued (8/27/19) - Construction started (1/13/22)

Location: Clearfield County, Pennsylvania

Requested AMLER Funding: \$2.736 million

Additional Funding: \$1.564 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 unreclaimed

Project Partners: DCNR, D&L Reality, and the Lackawanna Heritage Valley Authority (LHVA)

This project will expand the Eden East Water Line Distribution System with infrastructure improvements that include installation of 30,000 linear feet of new water line and replacement of an additional 24,000 linear feet of water line. This expansion will improve water quality and provide potable water access for 38 households in Clearfield County, PA. Of the 38 homes, 25 currently have degraded and diminished water supplies that are a direct result of past coal mining operations.

Forest City East - Pennsylvania Fish and Boat Commission (PFBC) Access

Status: Preliminary OSMRE approval (2/26/19) - OSMRE final approval ATP issued (8/28/19) - Construction started (11/20/22)

Location: Susquehanna and Wayne Counties, Pennsylvania

Requested AMLER Funding: \$1.5 million

Additional Funding: \$1.292 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Linde Corporation, PFBC, and Forest City Partnership LLC

This project will reclaim 55 acres of AML, re-stabilize 4,000 ft of riverbank for fishing access, and construct a public river access point managed by the PA Fish and Boat Commission. The river access will include a gravel road to a parking area and a canoe/kayak launch area. The site is projected to be used by 500-600 fisherman and 15-20 canoes and kayaks users per day during the high season. The Lackawanna River Corridor Association will also use the site for fundraisers twice a year that will draw hundreds of visitors.

Huling Branch East

Status: Preliminary OSMRE approval (2/26/19) - OSMRE final approval ATP issued (3/13/19) - Construction started (5/20/21)

Location: Clinton County, Pennsylvania

Requested AMLER Funding: \$3 million

Additional Funding: \$2 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: DCNR and the American Chestnut Foundation

This project will reclaim 10 acres of AML within the Sproul State Forest to construct 3,650 linear feet of recreational ATV Trails, a rock obstacle course, a parking area, and a helicopter landing area for medical evacuations. Fundraisers, including Relay for Life, would also use the trail which could further increase visitation. In addition to ATV use, the reclamation will improve wildlife observation and fishing opportunities for visitors. Altogether, this project is estimated to increase visitation to Sproul State Forest by 4 % (approx. 7,000 visitors per year).

Morgan Run Recreational Facility - Completed

Status: Preliminary OSMRE approval (2/26/19) - OSMRE Final Approval - ATP issued (3/20/19) - Construction started (11/15/20) - Project Completed (8/12/21)

Location: Clearfield County, Pennsylvania

Requested AMLER Funding: \$315,683

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: CenClear Child Services, Inc.

Update: Requested AMLER funding decreased from \$500,000 to \$315,684.

This project has reclaimed 20 acres of AML including 1,700 linear feet of highwall within the Morgan Run Recreational Facility. New infrastructure added includes one mile of new trails, an amphitheater, and a 48,600 square foot parking lot. The facility is utilized for educational and recreational opportunities by local youth groups and this project has increased safety for all visitors to the property. In the 2017-2018 program year, CenClear served 7,444 clients (children, youth, adults, and families) with a staffing complement of over 700. Additional development of the site will be possible in the future with completion of the reclamation.



Completed Amphitheater at the Morgan Run Recreational Facility
Photo Credit: OSMRE

Morris Run Acid Mine Drainage Treatment Plant - Tioga River Restoration (Phase 1)

Status: Preliminary OSMRE approval (5/29/19) - OSMRE final approval ATP issued (9/22/20)

Location: Tioga County, Pennsylvania

Requested AMLER Funding: \$4 million

Additional Funding: \$8 million from project partners

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: DCNR, Conservation District, The Susquehanna River Basin Commission (SRBC), and The Tioga County Concerned Citizens Committee, Inc. (TCCCC)

Update: Summary updated to reflect metrics to be reported as a multi-phase project.

This project will partially construct an AMD treatment plant that will increase fishing and outdoor recreation along 20 miles of streams (18 miles of Tioga River, one mile of Coal Creek, one mile of Morris Run). Access to the waterway is available via U.S. Route 15 which parallels the Tioga River. As a multi-phase project, reporting for this project will reflect the work completed with FY 2018 AMLER funds (progress of AMD treatment plant construction). Benefits realized with the project's completion (completion of the AMD treatment plant, length of stream cleaned, visitors/revenue from recreation use) will be reported with phase 2 funded by FY 2019 AMLER funds.

No. 9 Coal Mine and Museum Complex/ Dorrance Colliery

Status: Preliminary OSMRE approval (2/26/19) - OSMRE final approval ATP issued (7/9/19) - Construction started (2/25/21)

Location: Carbon County, Pennsylvania

Requested AMLER Funding: \$1.38 million

Additional Funding: \$1.122 million from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: No. 9 Coal Mine Museum and Pagnotti Enterprises, Inc.

This project will transport two steam engines and other historic mining equipment from the Dorrance Colliery to use as static displays at the No. 9 Coal Mine and Museum Complex. This project will enlarge the museum square footage and is estimated to increase visitation 15-20 % (approximately 1,350 visitors per year). The local economy is also expected to benefit from the increase in visitors to meet demand for restaurants, fuel, and lodging.



35-foot Guibal Fan at the No. 9 Coal Mine and Museum Complex/ Dorrance Colliery Project

Six Mile Run Restoration

Status: Preliminary OSMRE approval (5/30/19) - OSMRE final approval ATP issued (2/25/20) - Construction started (5/11/20)

Location: Bedford County, Pennsylvania

Requested AMLER Funding: \$350,000

Additional Funding: \$79,000 from project partners (including 30,000 from Broad Top Township and \$49,000 from AMD set-aside).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Broad Top Township

Update: Added \$49,000 in additional funding from AMD set-aside

This project will provide maintenance for 35 existing AMD passive treatment systems over 3 years including monitoring the water and general repair of pipes/etc. The maintenance work will sustain three full time jobs. The treatment systems impact 9.2 miles of streams which the Pennsylvania Fish and Boat Commission has calculated to provide \$582,000 in annual revenue from recreation. The Southern Alleghenies Planning & Development Commission has highlighted the favorable conditions the project will create for the community.

Slippery Rock Watershed: AMD Treatment, Education and Recreation Project

Status: Preliminary OSMRE approval (4/18/19) - OSMRE final approval ATP issued (5/27/20) - Construction started (8/21/20)

Location: Butler County, Pennsylvania

Requested AMLER Funding: \$176,246

Additional Funding: \$1.207 million from project partners (including \$921,932 from Growing Greener and \$285,037 from various sources).

AML Site Info: Priority 3 unreclaimed

Project Partners: Growing Greener, Moraine, McConnells Mill and Jennings Commission, BioMost Inc., Butler County Chapter of North Country Trail Assoc, Jennings Environmental Education Center State Park, Moraine State Park, PA Game Commission State Game Lands No. 95, Slippery Rock Watershed Coalition, and Stream Restoration Inc.

This project will refurbish an abandoned schoolhouse for use as a museum and environmental education center as part of the Jennings Environmental Education Center (a Pennsylvania State Park). These renovations also include a parking lot and restroom facility. Additionally, this project will provide maintenance to a passive AMD treatment facility which is an educational focus of the State Park and is projected to provide \$553,830 per year in economic benefit through recreation. Maintenance will also be provided for 10 miles of the North Country Trail which includes four bridges. Altogether, this project is projected to improve the experiences of 80,000 visitors and 5,000 students per year.

Stonycreek and Little Conemaugh River Improvement and Reinvestment Project

Status: Preliminary OSMRE approval (5/8/19) - OSMRE final approval ATP issued (7/23/20) - Construction started (6/14/21)

Location: Somerset and Cambria Counties, Pennsylvania

Requested AMLER Funding: \$1.916 million

Additional Funding: \$9.608 million from project partners (including \$4.4 million from the USACE, \$2.36 million from the Foundation for PA Watersheds (PFW), \$1.762 million from Growing Greener, \$100,000 from DCED, \$100,000 from WCAP, \$25,000 from EPA, and \$861,000 from various sources).

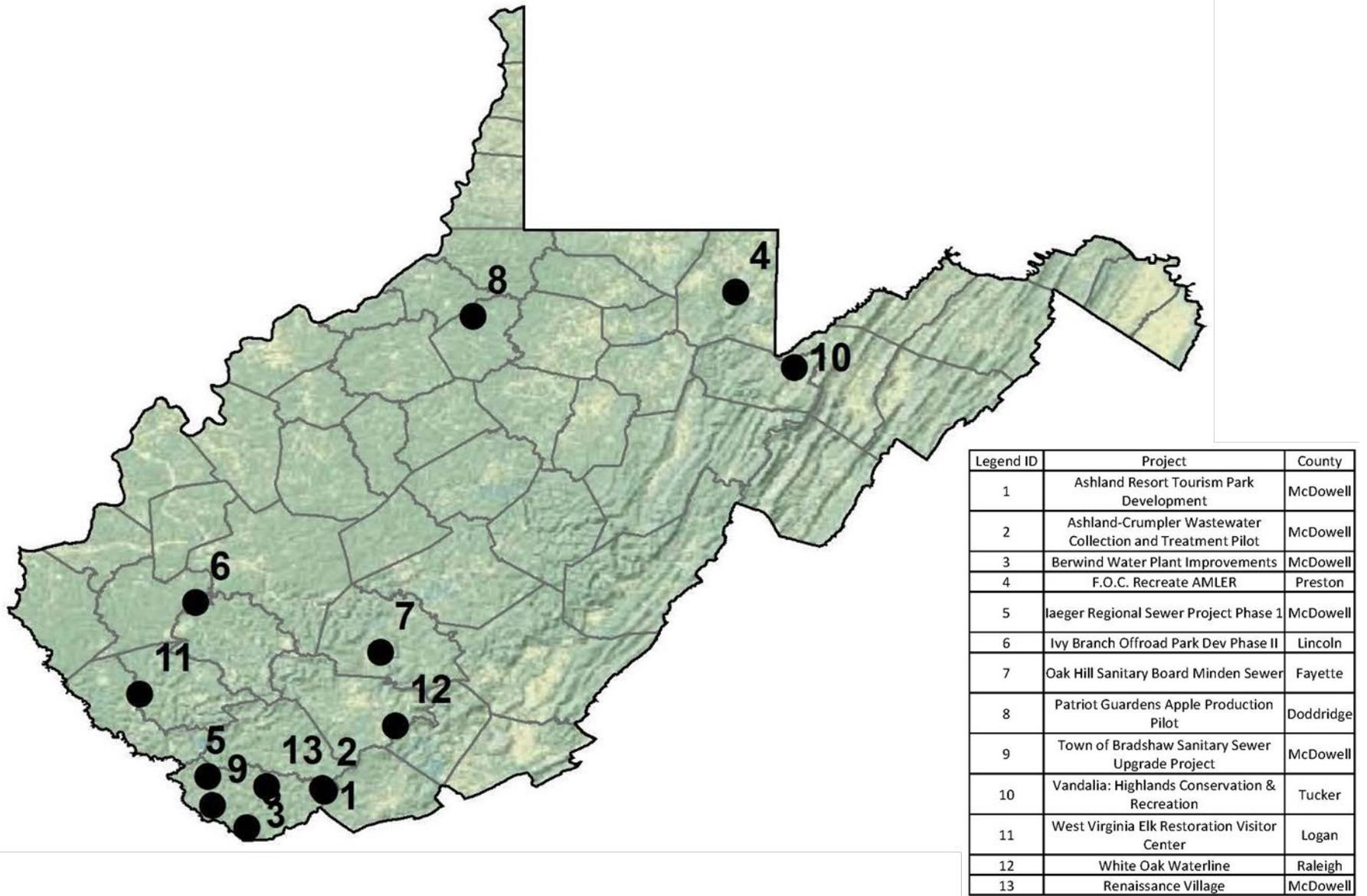
AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: Growing Greener, Pennsylvania Department of Community and Economic Development (DCED), OSMRE Watershed Cooperative Agreement Program (WCAP), U.S. Army Corp of Engineers (USACE), Environmental Protection Agency (EPA), Foundation for PA Watersheds (PFW), Somerset Conservation District, Cambria Somerset Authority, Coal Tubin', Johnstown Wire Technologies, The Greater Johnstown Water Authority, Vision 2025, The City of Johnstown, Shade Creek Watershed Assoc, Cambria County Conservation and Recreation Authority

Update: Due to rising costs, portions of the project will be funded by future AMLER funding FYs. Aspects removed from this project include the construction of four miles of mountain bike trail, and a small park that includes 500 feet of walkway. The bike trails were estimated to attract 12,000 - 15,000 visitors per year. Future additions to the park include a boardwalk, dock, and zipline.

This project will enhance recreational opportunities in Johnstown and around the Quemahoning Reservoir by providing maintenance, improvements, and upgrades to several acid mine drainage (AMD) treatment systems. The resulting improvements to water quality and supply capacity of the Saltlick Reservoir are expected to allow additional housing or industrial development in the Johnstown Area.

Figure 21: Map of Active Projects in West Virginia Receiving FY 2018 AMLER Funds



FY 2018 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of 14 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2018 AMLER grant (all of which received OSMRE's preliminary approval). West Virginia has tabled 1 of the 14 projects, therefore, 13 projects are currently active and have been awarded a portion of West Virginia's \$25 million FY 2018 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an "Update" for each project in the list below.

Located in nine counties across West Virginia (*Figure 21*), the 13 active FY 2018 AMLER projects include one production/commercial project, six infrastructure projects, one multi-purpose project, and five point-of-interest/tourism projects. The projected combined benefits for these projects are: 127 direct jobs created/retained (with more expected as development is completed), 18,770 visitors attracted to points of interest (with more expected as development is completed), 16.59 miles of public trails constructed, 877 acres of land reclaimed, 85,252 linear feet of utility lines constructed, and 1,574 households improved by new infrastructure. Two separate phases of an AMLER project (using FY 2016 and FY 2018 AMLER funds) will also result in an additional combined 188,000 visitors. These visitors are associated with both fiscal years but should not be double counted. The 13 active AMLER projects are expected to leverage an estimated additional \$1.14 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Ashland Resort Tourism Development Park - Completed

Status: Preliminary OSMRE approval (3/5/19) - OSMRE final approval ATP issued (4/1/20) - Construction started (1/4/2021) - Project Completed (10/5/22)

Location: McDowell County, West Virginia

Requested AMLER Funding: \$2.278 million

Additional Funding: \$2.097 million from Ashland Resort and Pioneer Community Bank

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: Hatfield-McCoy Regional Recreation Authority, Ashland Resort, and Pioneer Community Bank

Update: Updated summary based on work completed.

This project has prepared 17 acres of unreclaimed and previously reclaimed AML property for expansion of the Ashland ATV Resort. AMLER funds were used to complete earthwork to grade the site (2,000 cubic feet), and construct 3,235 linear feet of water line, a 22,000-gallon water tank 1,275 linear feet of sewer line, and a wastewater treatment facility (15,000 gallons per day). As of November 30, 2022, additional funds are currently being used to construct three new lodges, a camp store, an outdoor entertainment complex, and an ATV storage building. The new lodging and camp store are estimated to increase the number of annual ATV tourists by 1,200, increase the average length of stay by 5% (600 camper site nights), and have an annual economic impact of over \$2 million. The resort is expected to sustain its growth rate and add 25 jobs and 6,400 trail users in the three to five years after completion.



**Completed site for development of the Ashland Resort Tourism Development Park
Photo Credit: OSMRE**

Ashland/Crumpler (Elkhorn Creek) Sewer Project

Status: Preliminary OSMRE approval (3/18/19) - OSMRE final approval ATP issued (11/17/20)

Location: McDowell County, West Virginia

Requested AMLER Funding: \$4.115 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partner: McDowell Public Service District

This project will construct a new wastewater treatment plant and four miles of new sewer line to serve the communities of Ashland and Crumpler. It would provide service for 115 households (275

residents) and the Indian Ridge ATV Resort. Between 15 and 20 construction jobs are estimated to be created for this project. These communities are along the Hatfield-McCoy Trail and are missing economic opportunity to serve trail users with lodging and food services. It is estimated that 29 jobs could be created with businesses that could move in with the new sewer line to support the tourism industry that uses the trail.

Berwind Water Treatment Plant

Status: Preliminary OSMRE approval (4/4/19) - OSMRE final approval ATP issued (9/3/19)

Location: McDowell County, West Virginia

Requested AMLER Funding: \$238,000

Additional Funding: \$50,000 from the McDowell County EDA

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: Regional 1 Planning and Development Council and the McDowell County EDA

This project will make improvements and repairs to the Berwind Water Treatment Plant, which provides clean water to 582 customers. The water treatment plant would also service Berwind Lake Park which is planning to increase the number of cabins it has to accommodate an increase in visitors from an extension of the Hatfield-McCoy Trail. Upgrades to the treatment plant are expected to create 15-20 temporary construction jobs and the economic impact of the cabins is estimated to result in an annual increase of 1,000 visitors, generate \$500,000 annually, and create five permanent jobs.

Cline YMCA Complex (Phase 2) - Tabled by West Virginia

Status: Preliminary OSMRE approval (4/2/19) - Tabled by West Virginia in 2020

Location: Raleigh County, West Virginia

Requested AMLER Funding: N/A – Originally requested \$4 million

Additional Funding: N/A

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Cline Family Foundation and the Carter Family Foundation

This project has been tabled by West Virginia but originally proposed to construct part of a new YMCA Facility in Beckley, WV. The new facility would have featured and included a gym, indoor track, pool, exercise studios, and a preschool. Additionally, access to an adjacent AML site would have been blocked. This was estimated to create 75 temporary construction jobs and 12 new permanent jobs at the YMCA. Visitation to the facility was estimated to increase 18% (from 3,700 to 4,370 annually).

Jaeger Regional Sewer Project

Status: Preliminary OSMRE approval (3/18/19) - OSMRE final approval ATP issued (12/9/20)

Location: McDowell County, West Virginia

Requested AMLER Funding: \$1 million

Additional Funding: \$6.9 million from project partners (including \$1.8 million from ARC, \$1.5 million from the WV DEP, \$1.4 million from USDA, \$1.3 million from HUD, and \$900,000 from the WV Infrastructure Jobs Development Council).

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: HUD-SCBG, WV Infrastructure Jobs Development Council, ARC, WVDEP, USDA, and HUD Small Cities Design Loan

Update: Removed reference to phase 1 from the project title as no AMLER funds from other fiscal years are being requested. Additional funding has increased from \$5.4 million to \$6.9 million.

This project will build a new wastewater treatment plant and 4.9 miles of new sewer line to serve the Town of Iaeger. It would provide service for 118 customers including 97 residential houses, ten small commercial buildings, and 11 community customers (including Iaeger Elementary School which serves 263 students). An additional 25 jobs are expected to be created for construction, field staff, and the wastewater plant. This community is along the Hatfield-McCoy Trail and is missing economic opportunity to serve trail users with lodging and food services. It is estimated that 50 jobs could be created in Iaeger with businesses that could move in with the new sewer line to support the tourism industry that uses the trail.

Ivy Branch Off-Road Development Park (Phase 2)

Status: Preliminary OSMRE approval (3/5/19) - OSMRE final approval ATP issued (1/30/20) - Construction started (9/14/2020)

Location: Boone County, West Virginia

Requested AMLER Funding: \$1.3 million

AML Site Info: Priority 2 unreclaimed

Project Partners: Hatfield-McCoy Regional Recreation Authority

This project is the second phase of the Ivy Branch Off-Road Development, which purchased the 2,600-acre Ivy Branch Trail System through the FY 2017 AMLER Program. This new phase for FY 2018 will construct six new cabins with utilities, a canoe and kayak launch, a 40-vehicle parking lot, and provide designs for the final site layout with future investment from multiple sources. The new cabins are expected to host 3,650 visitors per year who could generate \$547,000 for the local economy annually. It is estimated the canoe and kayak launch will be used by 10,920 visitors per year, which could generate \$598,000 for the local economy annually.

Oak Hill Sanitary Board - Minden Sanitary Sewer System Rehabilitation

Status: Preliminary OSMRE approval (4/29/20)

Location: Fayette County, West Virginia

Requested AMLER Funding: \$1.5 million

Additional Funding: \$4.488 million from local sources

AML Site Info: Priority 2 unreclaimed

Project Partners: USEPA, National Park Service, WVDEP, and the Region 4 Development and Planning Council

Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project will upgrade the Minden Sanitary Sewer System by reducing and eliminating infiltration and inflow that is impacting the treatment of the sewage. Work will include installing/replacing 8,400 linear feet of sewer line and improvements to two pump stations so two others may be decommissioned. The improvements will provide reliable service that is more attractive to future business and residential housing development and improve service to 580 residential, 12 commercial, and one industrial customer.

Patriot Gardens Golden Delicious Apple Production Project (Phase 2)

Status: Preliminary OSMRE approval (4/23/19) - OSMRE final approval ATP issued (3/4/21) - Construction started (3/5/2021)

Location: Nicholas County, West Virginia

Requested AMLER Funding: \$5 million

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: *WV National Guard, Central Appalachia Empowerment Zone, USDA, and Pardee Natural Resources*

Update: *Updated summary based on work completed in phase 1.*

This project is the second phase of the Patriot Gardens Golden Delicious Apple Production Project which used FY 2016 AMLER funds to plant 400,000 trees, 12 beeyards and constructed seven utility buildings. The second phase is using FY 2018 AMLER funds to plant an additional 400,000 trees and add additional facilities including greenhouses and an equipment building. Further expansion of this site is possible (to reach a total of one million trees) pending a partnership with a major apple product production company.

Reclaiming the Cheat River as an Economic Asset through Trail Enhancement (RE-CREATE)

Status: *Preliminary OSMRE approval (10/7/19) - OSMRE final approval ATP issued (10/14/21)*

Location: *Preston County, West Virginia*

Requested AMLER Funding: *\$3.014 million*

Additional Funding: *\$218,600 from project partners*

AML Site Info: *Priority 2 unreclaimed and previously reclaimed*

Project Partners: *WVDOH, Friends of the Cheat, Preston Co. Parks and Rec., Human Resources Development Fund, and the WV Humanities Council*

This project will construct 8.09 miles of non-motorized rail trail along the Cheat River and feature a learning park where visitors can learn about the area's history of mining and reclamation. The number of visitors will be tracked after the trail is in use. Additionally, the project will create a Trail Town program to work collaboratively with local communities to attract more visitors and generate additional economic opportunity. It is estimated that the project will result in nearly \$7.5 million of economic activity and support nearly 50 jobs. In the long term, the Trail Town Program will directly employ a smaller number of people on a permanent basis.

Renaissance Village - Completed

Status: *Preliminary OSMRE approval (6/10/20) - OSMRE final approval ATP issued (10/26/20) - Construction started (2/22/21) - Project completed (5/31/21)*

Location: *McDowell County, West Virginia*

Requested AMLER Funding: *\$1 million*

Additional Funding: *\$8.122 million from project partners (including \$7.372 million from the AFL-CIO Housing Trust and \$750,000 as in-kind value from a local volunteer).*

AML Site Info: *Priority 2 unreclaimed*

Project Partners: *AFL-CIO Housing Trust, Reconnecting McDowell, and a local volunteer*

Update: *Project added to FY 2018 AMLER grant due to the availability of funding.*

This project has constructed a new 27,000 square foot multi-use building in Welch, WV on an AML site that can provide housing for teachers and health professionals. The building includes 20 (one and two bedroom) apartments (housing for approximately 50 residents) and two floors of commercial space for offices, a health clinic, retail businesses, and a community meeting space. As of November 30, 2022, half of the apartments are already occupied and a total of 13 jobs have been created from three commercial tenants. In total, there is 12,000 square feet of commercial and retail space that can support additional commercial tenants in the future.



Completed Renaissance Village Project
Photo Credit: OSMRE

Town of Bradshaw Sanitary Sewer Upgrade

Status: Preliminary OSMRE approval (4/4/19) - OSMRE final approval ATP issued (11/17/20)

Location: McDowell County, West Virginia

Requested AMLER Funding: \$1.5 million

Additional Funding: \$4.708 million from project partners (including \$1.8 from ARC, \$1.5 million from WVDEP, \$1 million from USDA, and \$408,000 from the Intergovernmental Jobs Developmental Council)

AML Site Info: Priority 1 and 2 previously reclaimed

Project Partners: ARC, USDA, WVDEP Clean Water State Revolving Fund, and the Intergovernmental Jobs Developmental Council

This project will rehabilitate the Town of Bradshaw's sanitary sewer system, which is currently barely functional, suffering from high energy consumption, and has high maintenance costs. System upgrades will improve service to 129 residential and commercial customers plus two regional schools, a health facility, community center, library, and senior center. The rehabilitation is estimated to create 20 temporary construction jobs and the upgraded sewer system is expected to attract new businesses to the area that will create permanent jobs.

Vandalia: Highlands Conservation and Recreation - Completed

Status: Preliminary OSMRE approval (4/24/19) - OSMRE final approval ATP issued (8/26/19) - Construction started (8/29/19) - Project completed (8/29/19)

Location: Tucker County, West Virginia

Requested AMLER Funding: \$400,000

Additional Funding: \$1.86 million from project partners (including \$1.482 million as in-kind value from the Vandalia Heritage Foundation, \$250,000 from the Outdoor Heritage Conservation Fund, and \$127,996 from the WV Land Trust)

AML Site Info: Priority 3 unreclaimed

Project Partners: Vandalia Heritage Foundation, WV Land Trust, and the Outdoor Heritage Conservation Fund

This project has purchased 860 acres to maintain public access to 8.5 miles of bike trails in an area that greatly depends on outdoor recreation (adjacent to Canaan Valley National Wildlife Refuge, the National Youth Science Foundation, and 100 acres that has plans to be developed as a live performance venue). The trails host three bike races and a bike festival each year that totaled 551 attendees across all four events in 2018. In 2022, the trails attracted an estimated 2,000 visitors.

West Virginia Elk Restoration Project (Phase 2)

Status: Preliminary OSMRE approval (3/18/19) - OSMRE final approval ATP issued (10/9/20)

Location: Logan and Mingo Counties, West Virginia

Requested AMLER Funding: \$1.55 million

AML Site Info: Priority 2 unreclaimed

Project Partners: West Virginia Division of Natural Resources

This project continues work on the West Virginia Elk Restoration Project that is utilizing FY 2016 AMLER funds to construct a viewing deck and storage facility. This new phase for FY 2018 will reclaim a highwall and construct a visitor center on the site. Once completed, the visitor center is conservatively estimated to attract thousands of visitors per year. Based on elk restoration programs in other states, the completion of this project is anticipated to generate \$6.2 - \$13.2 million annually and attract approximately 188,000 visitors per year (the same visitors are associated with phase 1 funded by the FY 2016 AMLER Program). Between 40 and 50 jobs are expected to be created for construction and 4 - 6 seasonal or part-time employees will be hired to run the visitor center.

White Oak Waterline Extension

Status: Preliminary OSMRE approval (4/30/20) - OSMRE final approval ATP issued (2/9/22)

Location: Raleigh County, West Virginia

Requested AMLER Funding: \$2.104 million

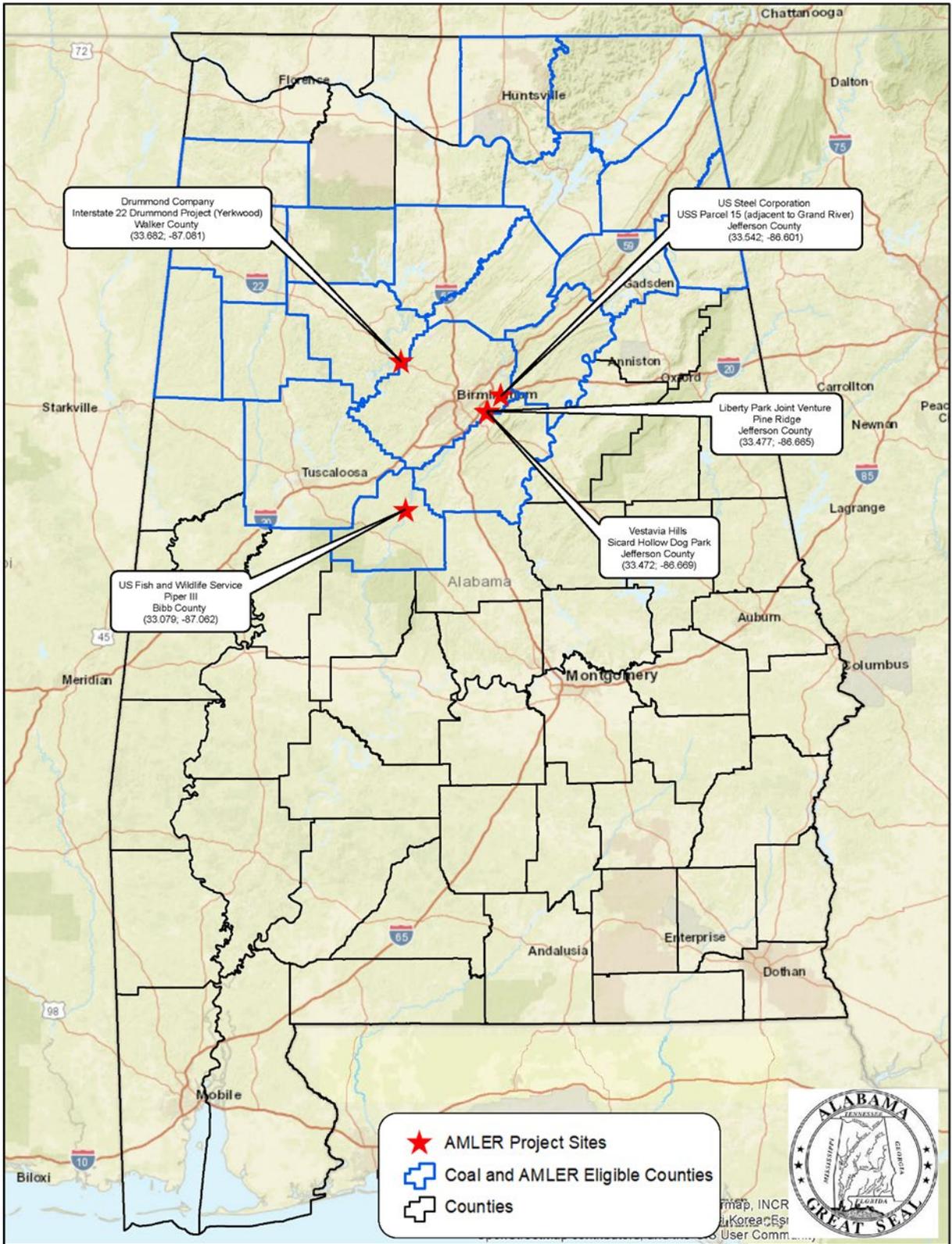
AML Site Info: Priority 3 unreclaimed

Project Partners: Region 1 Planning and Development Council and Cool Ridge-Flat Top PSD

Update: Requested AMLER Funding increased from \$1.8 million to \$2.104 million and additional funding decreased from \$477,101 to \$0.

This project will construct 25,350 linear feet of waterline to extend public water service to 30 households in Raleigh County, WV. This will result in improved water quality for residents who have reported undrinkable tap water from wells that has been significantly impacted by local mining.

Figure 22: Map of Active Projects in Alabama Receiving FY 2018 AMLER Funds



FY 2018 Alabama

As of November 30, 2022, Alabama had selected and submitted a total of five projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2018 AMLER grant. All five projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in three counties in central Alabama (*Figure 22*), the five active FY 2018 AMLER projects include one multi-purpose project, two production/commercial projects, and two point-of-interest/tourism projects. The projected combined benefits for these projects are: 2,168 direct jobs created/retained (with more expected as development is completed), 550 visitors attracted to points of interest (with more expected as development is completed), 0.6 miles of public trail constructed, and 77 acres of land reclaimed. Other benefits include the construction of a 495,000 square foot industrial building pad. The three active AMLER projects are expected to leverage an estimated additional \$0.82 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Alabama Department of Labor](#).

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

U.S. I-22 Exit 78 Cultural/Commercial/Industrial Park Development Project

Status: Preliminary OSMRE approval (5/1/20) - OSMRE final approval ATP issued (10/26/21) - Construction started (2/1/22)

Location: Walker County, Alabama

Requested AMLER Funding: \$3 million

Additional Funding: \$5.822 million from project partners

AML Site Info: Priority 1 and 3; unreclaimed and previously reclaimed

Project Partners: Drummond Company Inc., Alabama Power, City of Dora, Dora Utilities Boards, Walker County Commission District 4, Walker Area Community Foundation, Bevill State Community College, and the Walker County Development Authority

Update: Additional funds increased from \$1.8 million to \$5.822 million from other sources.



Construction of U.S. I-22 Exit 78 Cultural/Commercial/Industrial Park Development Project

This project will reclaim 2,900 linear feet of a dangerous highwall on a 48-acre AML site to create a building pad for a 40-acre industrial site. In-kind construction will be used to install roads and utility lines for water, sewage, and broadband to the site. The master plan for this site proposes the development of a travel center with fuel, food, and accommodation. When completed, this development is estimated to create 168 jobs (132 direct and 36 indirect).

Piper Mine Reclamation Project

Status: Preliminary OSMRE approval (5/1/20) - OSMRE final approval ATP issued (11/15/22)

Location: Bibb County, Alabama

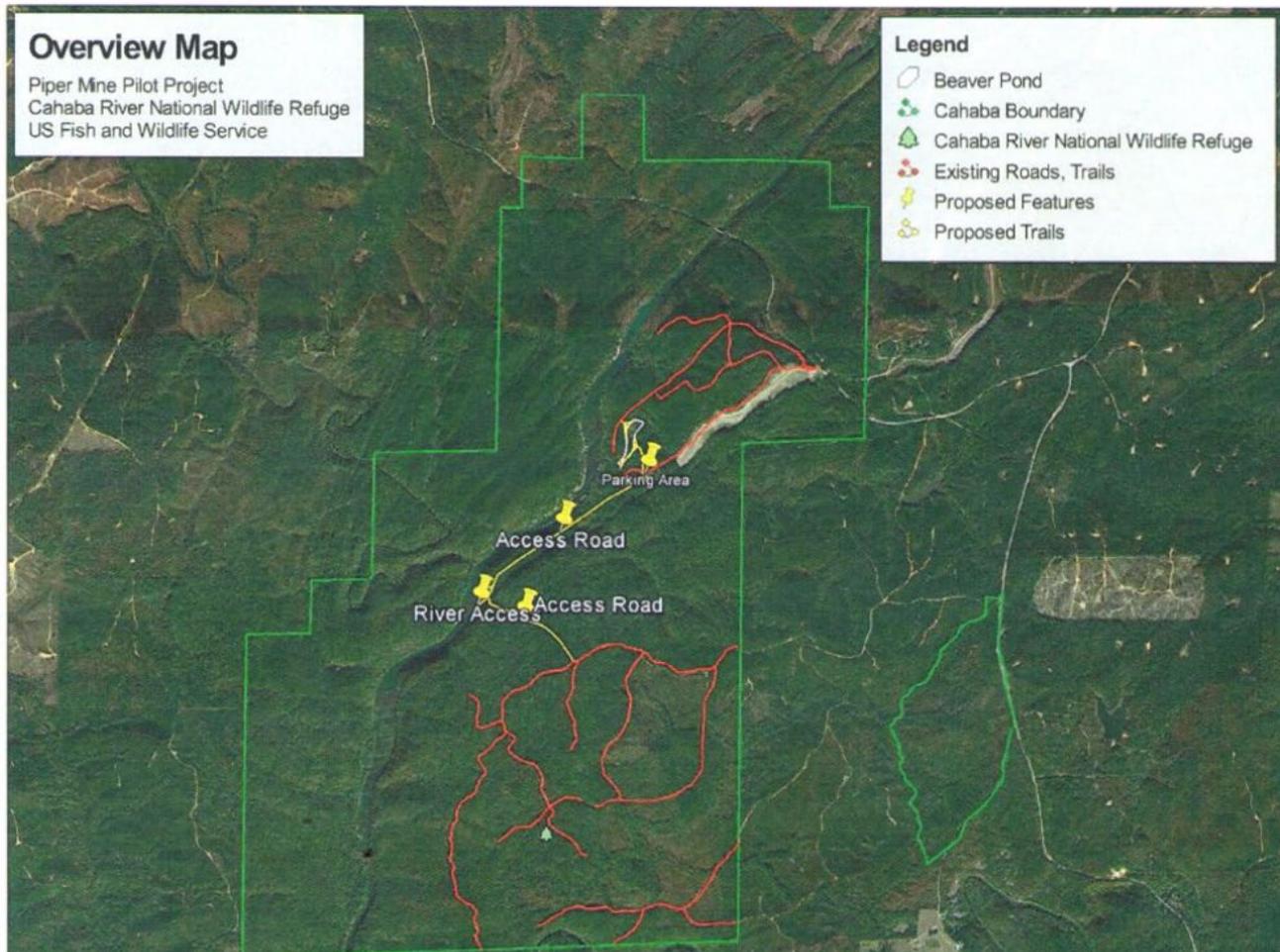
Requested AMLER Funding: \$2.5 million

AML Site Info: Priority 1 and 2 unreclaimed and previously reclaimed

Project Partners: U.S. Fish & Wildlife Services, Friends of the Cahaba River National Wildlife Refuge, Cahaba Riverkeeper, and the Cahaba River Society

Update: Requested AMLER funding increased from \$2.43 million to \$2.5 million.

This project will reclaim the Piper Mine on the Cahaba River National Wildlife Refuge and add 3,200 linear feet of gravel trail, interpretive signage, and an overlook. Work will also be done to enhance the 3.75-acre beaver pond. These improvements are expected to increase visitation to the refuge by 20% for special events (350-550 visitors).



Proposed Features and Trails on the Cahaba River National Wildlife Refuge

Grand River Parcel 15 Project (Phase 2)

Status: Preliminary OSMRE approval (5/1/20)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$2.2 million

Additional Funding: \$2.35 million from project partners

AML Site Info: Priority 1 and 3; unreclaimed and previously reclaimed

Project Partners: U.S. Steel Corporation, City of Birmingham, Jefferson County, and the City of Leeds

Update: Added \$2.35 million in additional funds from other sources.

This project is an expansion of the Grand River Technology Park that received FY 2017 AMLER funds. With FY 2018 AMLER funds, this project will reclaim 800 linear feet of a dangerous highwall and establish construction access to grade a 28-acre AML site for commercial development. An economic impact analysis indicates that the site could support a company that builds a 495,000 square foot building. This type of building could provide up to 2,000 jobs.



Location of Parcel 15 Relative to Other Development

Pine Ridge Sicard Hollow Athletic Complex Reclamation

Status: Preliminary OSMRE approval (5/1/20)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$2 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: City of Vestavia Hills, Liberty Park Joint Venture LLP, and Glenwood, Inc

This project will reclaim 1,360 linear feet of a dangerous highwall adjacent to the Sicard Hollow Park that received FY 2017 AMLER funds. This area has potential for developments as an expansion for supporting businesses to the Sicard Hollow Athletic Complex (3,000 weekly visitors). It could also be used to create outdoor recreational space for Glenwood Inc. (a facility for disabled children). Lastly, there is potential commercial interest from Liberty Park Joint ventures LLP which could create bring a business to the site that could create up to 20 jobs.

Sicard Hollow Road Pilot Project (Dog Park) (Phase 2)

Status: Preliminary OSMRE approval (5/1/20) - OSMRE final approval ATP issued (4/1/21) - Construction started (4/26/21)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$300,000

Additional Funding: \$5,500 from local sources

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

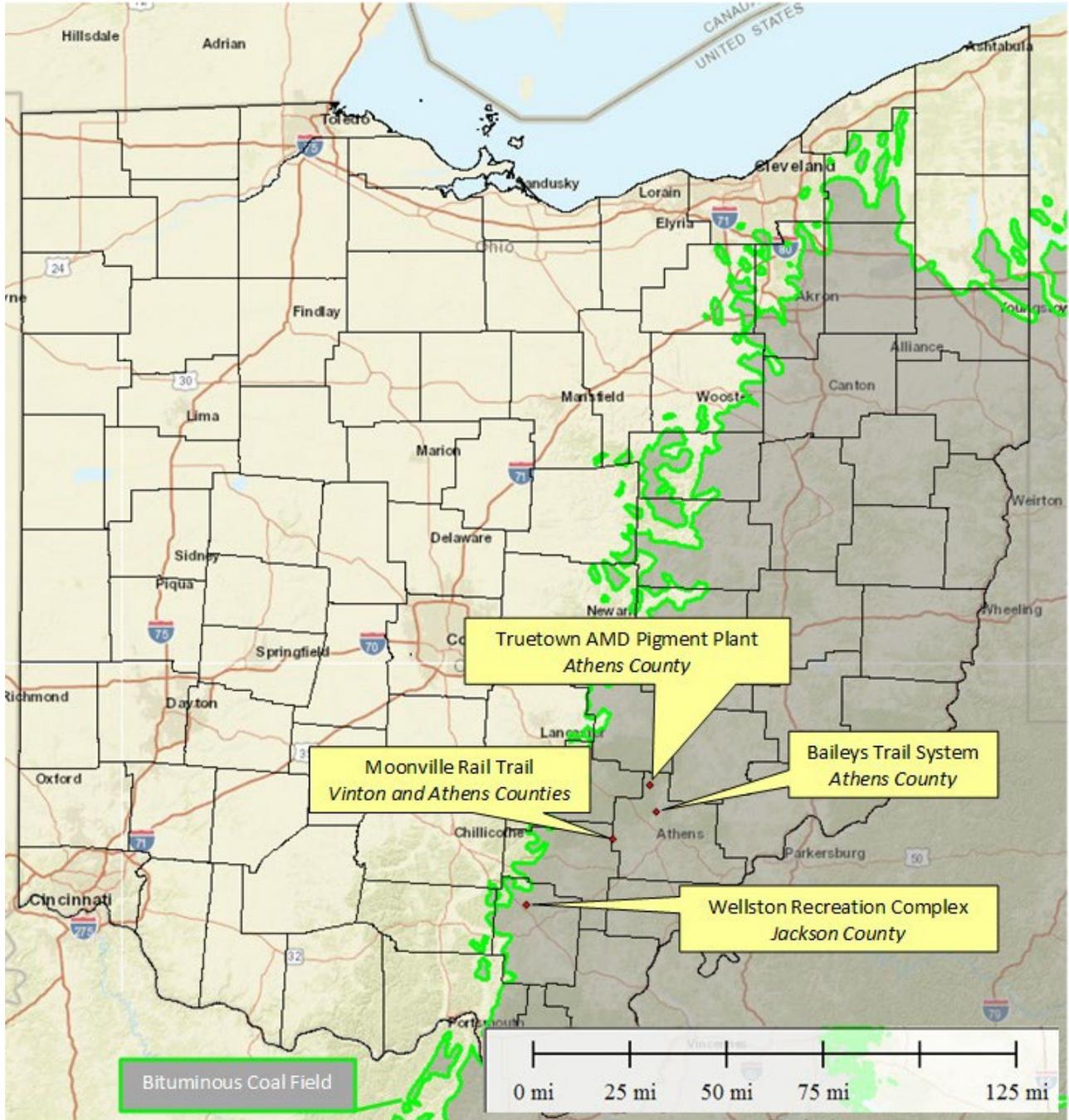
Project Partners: City of Vestavia Hills

This project is an extension of the Sicard Hollow Park project that received FY 2017 AMLER funds. With FY 2018 AMLER funds, this project is constructing a 1-acre dog park. Over 400 local families have pets and could benefit from the addition of the dog park. The inclusion of a dog park as part of the Sicard Hollow Park, is expected to increase the overall visitation to the facility.



Sicard Hollow Dog Park

**Figure 23: Map of Active Projects in Ohio
Receiving FY 2018 AMLER Funds**



FY 2018 Ohio

As of November 30, 2022, Ohio had selected and submitted a total of four projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2018 AMLER grant. All four projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in three counties in southeastern Ohio (*Figure 23*), the four active FY 2018 AMLER projects include one production/commercial project and three point-of-interest/tourism projects. The projected combined benefits for these projects are: 78 direct jobs created/retained, 257,460 visitors attracted to points of interest, 47.95 miles of public trails constructed, and 7 miles of stream reclaimed. The four active AMLER projects are expected to leverage an estimated additional \$1.02 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information on the Ohio AML Program can be found through the [Ohio Department of Natural Resources - Division of Mineral Resources](#).

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Baileys Trail System

Status: Preliminary OSMRE approval (4/24/19) - OSMRE final approval ATP issued (8/19/20) - Construction started (1/10/22)

Location: Athens County, Ohio

Requested AMLER Funding: \$2.151 million

Additional Funding: \$5.42 million from project partners (including \$3.5 million from the ARC POWER program, \$1.5 million from an ODOT TAP grant, \$270,000 from a CDBG grant, and \$150,000 from an ODNR RTP grant).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Wayne National Forest, Athens County, Athens Bicycle Club, York Township, Village of Chauncey, and Rural Action

Update: Removed reference to “Phase 1” from title as no AMLER funds from other fiscal years have been proposed yet. Requested AMLER funds increased from \$1.792 million to \$2.151 million.



Doanville-York Trailhead of the Baileys Trail System

This project will reclaim abandoned mine land and construct 31 miles of trail, two trailheads with bathroom facilities, and parking for 75 vehicles as part of the Baileys Trail System in the Wayne National Forest. The trail will be designed for use of mountain biking, hiking, and trail running. Plans for the trail system include an expansion to a total of 88 miles and is estimated to attract 180,000 visitors per year within ten years. These visitors are expected to generate \$24.8 million in local revenue and create or retain 65 jobs.

Moonville Rail Trail - Completed

Status: Preliminary OSMRE approval (9/6/19) - OSMRE final approval ATP issued (6/11/20) - Construction started (11/18/20) - Project completed (8/6/22)

Location: Vinton and Athens Counties, Ohio

Requested AMLER Funding: \$1.582 million

Additional Funding: \$620,500 from the Moonville Rail Trail Association

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Moonville Rail Trail Association, Vinton County, and the ODNR Division of Forestry

Update: Requested AMLER funds increased from \$1.151 million to \$1.582 million.

This project has enhanced the Moonville Rail Trail by reclaiming AML portals near the trail and constructing seven bridges resulting in 12.2 miles of connected rail trail. Additionally, 4.1 miles of that trail were improved by clearing vegetation, grading for better drainage, and reapplying a limestone topcoat. During construction, 22 full-time and part-time jobs were supported. With the project completed, trail visitation is expected to increase from the 61,000 annual users who generate \$2.8 million in regional economic activity via trail connection to several adjacent state parks and supporting businesses.

Truettown Acid Mine Drainage (AMD) Pigment Production

Status: Preliminary OSMRE approval (4/24/19) - OSMRE final approval ATP issued (7/28/22)

Location: Athens County, Ohio

Requested AMLER Funding: \$3.489 million

Additional Funding: \$3.985 million from project partners (including \$2 million from the Ohio Environmental Protection Agency Water Resource Restoration Sponsor Program, \$1.55 million from a National Capital Investment Loan, and \$435,000 from various private foundations

AML Site Info: Priority 2 previously reclaimed).

Project Partners: Ohio University, Rural Action, ODNR, Gamblin Artists Colors, TechGROWTH Ohio, and the Athens County Planning Office

This project will construct an AMD treatment plant that will filter out iron from the water and create an iron oxide-based pigment product for commercial sale to paint manufacturers. The plant will create four full-time jobs with \$205,200 in combined annual wages and produce over 2 million pounds of pigment assuming year-round operation with a value of \$1.5 million. A total of seven miles of stream will also be restored to a viable fishery and generate an estimated \$17,000 per year in revenue.

Wellston Recreation Complex

Status: Preliminary OSMRE approval (5/7/20) - OSMRE final approval ATP issued (11/4/21)

Location: Jackson County, Ohio

Requested AMLER Funding: \$1.388 million

Additional Funding: \$135,000 from project partners (including \$60,000 from Make Wellston Beautiful and \$75,000 from the Wellston City School District).

AML Site Info: Priority 1 unreclaimed

Project Partners: Make Wellston Beautiful, City of Wellston, Wellston City School District, Ohio University, and Rural Action

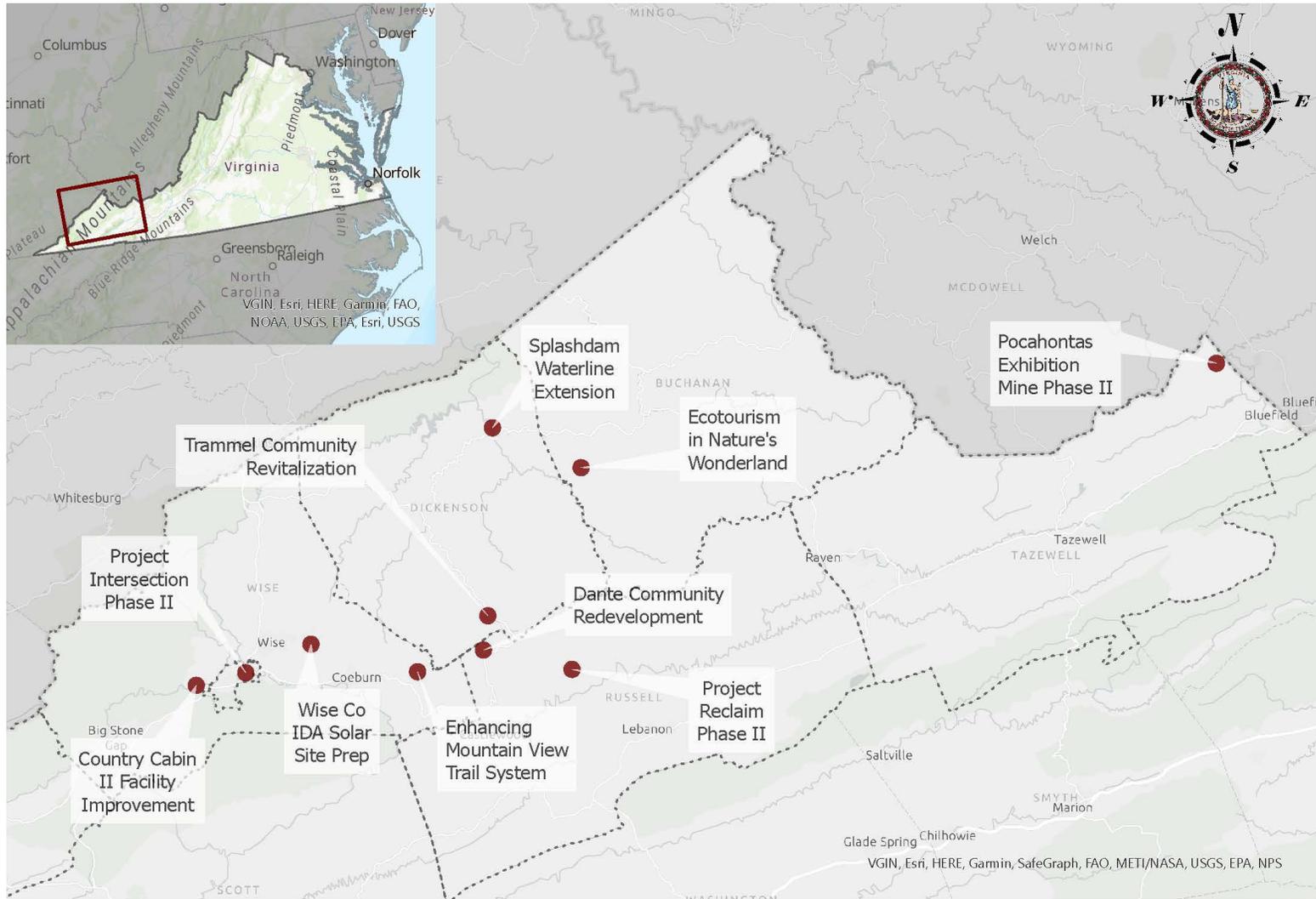
Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project will reclaim a hazardous AML water body and relocate and enhance three sport fields (baseball, softball, soccer) with lighting and safety netting. Additionally, 157,000 square feet of parking lot will be constructed (to support 380 vehicles) and 3,465 linear feet of paved trails will be built to connect the recreation complex to the high school and softball and baseball fields. The total number of annual users of the recreation complex is estimated to increase from 10,096 in 2019 to 16,460 after project completion. Visitors to the site are estimated to generate \$826,657 in economic spending and nine jobs will be created or retained.

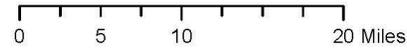


Wellston Recreation Complex Baseball Field and Trail

Figure 24: Map of Active Projects in Virginia Receiving FY 2018 AMLER Funds



2018 AMLER PROJECTS



FY 2018 Virginia

As of November 30, 2022, Virginia had selected and submitted a total of 11 projects to OSMRE to confirm eligibility of each project using a portion of its FY 2018 AMLER grant (all of which received OSMRE’s preliminary approval). Virginia has tabled 1 of the 11 projects, therefore, ten projects are currently active and have been awarded a portion of Virginia’s \$10 million FY 2018 AMLER grant. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in five counties and one city in western Virginia (*Figure 24*), the ten active FY 2018 AMLER projects include two infrastructure projects, three production/commercial projects, and five point-of-interest/tourism projects. The projected combined benefits for these projects are: 128 direct jobs created/retained (with more expected as development is completed), 5,500 visitors attracted to points of interest (with more expected as development is completed), 138 miles of public trail constructed, 410 acres of land reclaimed, 46,730 linear feet of utility lines constructed, and 24 households improved by new infrastructure (with more expected as development is completed). Additional benefits include a 100,000 square foot industrial building pad. The ten active AMLER projects are expected to leverage an estimated additional \$1.30 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through [Virginia Energy](#).

Projects Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Project Intersection (Phase 2)

Status: Preliminary OSMRE approval (10/2/19) - OSMRE final approval ATP issued (11/13/20) - Construction started (8/29/22)

Location: City of Norton, Virginia

Requested AMLER Funding: \$1.783 million

Additional Funding: \$917,315 from ARC POWER

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

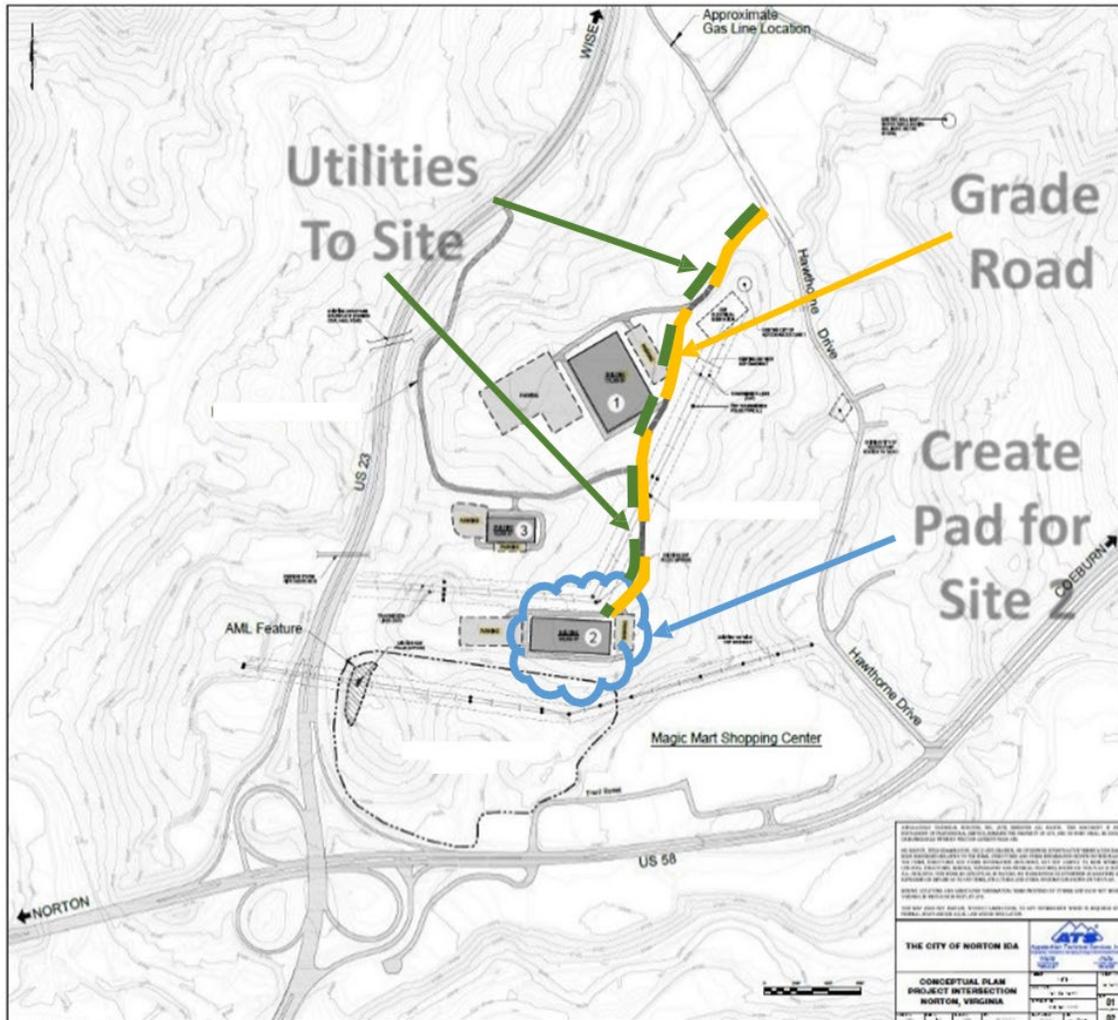
Project Partners: Norton IDA, and Lonesome Pine Regional Industrial Facilities Partners

Update: \$2 million in additional funding transferred to phase 1 of the project (FY 2017).



Construction of Project Intersection (Phase 2)

This is the second phase of the Project Intersection AMLER Project that received FY 2017 AMLER funds. The first phase of this project involves the purchase of 200 acres, development of an industrial pad (site 1) for a 175,000 square foot building (estimated to create 63 jobs in 3-4 years), grading of two more industrial pads (sites 2 and 3), and removal of a highwall. This second phase will develop the second industrial pad (site 2) for a 100,000 square foot building, grade the main access road, and add 4,000 linear feet of water, sewer, broadband, natural gas, and electric utilities lines to sites 1 and 2. At least one prospective letter of interest has been received about building on site 2.



Proposed work for Phase 2 of Project Intersection

Appalachian Homestead Initiative (AHI) - Tabled by Virginia

Status: Preliminary OSMRE approval (9/1/22) – Tabled by Virginia in 2022

Location: Wise County, Virginia

Requested AMLER Funding: N/A – Originally requested \$1.6 million

Additional Funding: N/A

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: LENOWISCO Planning District Commission, Lonesome Pine Regional Industrial Facilities Authority, and Wise County

Update: Project added to FY 2018 AMLER grant due to the availability of funding but was tabled by Virginia in 2022.

This project has been tabled by Virginia but originally requested AMLER funds to acquire and develop 166 acres to serve as the launch point for the newly established AHI. AHI would have operated as a non-profit land bank with the goal of repurposing mined and unmined lands for other uses (housing, farming, orchards, vineyards, forestry, and residential, commercial, and industrial development). For this project, AMLER funds were proposed to purchase 166 acres, conduct earthworks and roads for homestead plots (five acres each), reclaim AML, construct three model homes, and purchase solar photovoltaic systems for 20 homes. Leveraged funds would have been used for utility connections (water, sewer, electricity, and internet).

Country Cabin II Facility Improvements - Completed

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (9/15/20) - Construction started (2/8/21) - Project completed (7/5/21)

Location: Wise County, Virginia

Requested AMLER Funding: \$82,470

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Appalachian Traditions, Inc.

Update: Requested AMLER funding increased from \$47,420 to \$82,470.

This project has made improvements to the County Cabin II facility so it can offer year-round operation. Country Cabin II is a historical building known for hosting concerts, regional celebrations, and weekly local events along Virginia’s Heritage Music Trail. The improvements provided by this project included new doors, insulation, paneling, and floor sealant which provide weatherization and allow for increased attendance, revenue, and event frequency. With additional events throughout the year (weddings, reunions, and birthday celebrations), in 2021 and 2022 the facility has hosted approximately 5,500 annual visitors.



Completed Country Cabin II Project

Dante Community Redevelopment

Status: Preliminary OSMRE approval (7/29/19) - OSMRE final approval ATP issued (11/15/21) - Construction started (6/13/22)

Location: Russell County, Virginia

Requested AMLER Funding: \$269,000

Additional Funding: \$733,697 from project partners (including \$23,000 from AML fee-based funds to address physical hazards and \$710,697 from other project partner).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Dante Community Association, Spearhead Trails, Cumberland Plateau Planning District Commission, and the Great Appalachian Valley Conservation Corps

This project will construct 38 miles of multi-use trails for hiking, biking, and ATVs and reclaim two mine portals that pose a safety hazard to visitors. Visitors to the trail will support small local stores and create the potential for a new bike rental business. The number of visitors to the trail will be measured once trail is completed. Additional funds will also be used to construct a playground and wildlife viewing deck for visitors to use.

Ecotourism in Nature’s Wonderland

Status: Preliminary OSMRE approval (1/10/20)

Location: Buchanan County, Virginia

Requested AMLER Funding: \$2.255 million

Additional Funding: \$1.288 million as in-kind value and leveraged funds from multiple sources

AML Site Info: Priority 2 and 3; unreclaimed and previously reclaimed

Project Partners: The Forestland Group, Virginia Department of Game and Inland Fisheries, and the Southwest Virginia Sportsmen

Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project will provide access to over 2,500 acres for wildlife viewing, outdoor recreation, and hunting. AMLER funds will be used to reclaim 350 acres, modify six miles of road, add parking for nine cars, construct signage and viewing platforms, and build fencing around active gas wells. These improvements are expected to result in increased visitors, jobs, and outdoor recreation use.



Ecotourism in Nature’s Wonderland

Enhancing the Mountain View Trail System

Status: Preliminary OSMRE approval (10/2/19)

Location: Wise County, Virginia

Requested AMLER Funding: \$222,000

Additional Funding: \$1.125 million from Nature Conservancy and its partners to purchase 2,500 acres

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Nature Conservancy and Spearhead Trails

This project will improve 100 miles of trails within the Mountain View Trail System by adding bridges, erosion control, trail signs, water crossings, and two scenic overlooks with viewing decks and picnic tables. The project also includes reclamation work to close 20 - 30 open auger holes near the trail that pose a safety hazard to visitors. This project is projected to increase revenue generated (from \$5.8 million in FY 2016 - 2017) and jobs supported (from 94 full-time jobs in FY 2016 - 2017). The number of visitors is also expected to increase and will be measured after the trail is completed.

Pocahontas Exhibition Mine and Museum (Phase 2)

Status: Preliminary OSMRE approval (9/12/19) - OSMRE final approval ATP issued (8/20/20) - Construction started (12/7/20)

Location: Tazewell County, Virginia

Requested AMLER Funding: \$379,178

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of Pocahontas, Tazewell County Board of Supervisors, Tazewell County Tourism, Cumberland Plateau Planning District, and Thompson & Litton, Inc.

This project is the second phase of the Pocahontas Exhibition Mine and Museum AMLER Project that received FY 2017 AMLER funds to refurbish the museum. This second phase is developing a tram system with electric golf carts to transport patrons through the mine tour. The museum restaurant is also being enhanced with new kitchen equipment, restaurant furniture, and landscaping. Due to the improvements from both phases, ticket sales increased 24% in 2022, generating an estimated \$40,368 in revenue.

Project Reclaim (Phase 2) - Completed

Status: Preliminary OSMRE approval (7/1/20) - OSMRE final approval ATP issued (12/9/20) - Construction started (12/28/20) - Project completed (11/30/21)

Location: Russell County, Virginia

Requested AMLER Funding: \$1.646 million

Additional Funding: \$2.9 million from the Virginia Tobacco Commission

AML Site Info: Priority 1, 2, and 5 previously reclaimed

Project Partners: Russell County Reclamation Inc. LLC, Russell County IDA, and the Virginia Tobacco Commission

Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project is a continuation of the project that used FY 2017 AMLER funding as part of plans to create a 67-acre regional industrial site. This second phase of the project has added additional fill material to the 32 acres reclaimed in the first phase to bring the grade to match the building pad and access road/railway. This has upgraded the potential of the 32 acres from parking and drainage to being developable for multiple future building pads. Prospective tenants will develop businesses on these pads and are expected to create numerous jobs.



Completed Project Reclaim (Phase 2)

Splashdam Waterline Extension - Completed

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (6/17/20) - Construction started (11/16/20) - Project completed (1/24/21)

Location: Dickenson County, Virginia

Requested AMLER Funding: \$356,500

Additional Funding: \$30,000 from Dickenson County Public Service Authority

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of Haysi, Dickenson County Public Service Authority, Cumberland Plateau Planning District, and the Thunder River Outdoor Recreation Campground

Update: Corrected requested AMLER funds to \$356,500 rather than \$386,500.

This project has extended the Splashdam Waterline by building 6,650 linear feet of 4-inch water line to provide potable water to a newly constructed campground that serves the Ridgeview Trail and Haysi to Breaks Hiking/Biking Trail. The campground opened in 2022 with 20 RV Sites with full hookups and ten primitive campsites. With the access to potable water, the campground plans to eventually add a bathhouse and expand to a total of 60 RV and primitive campsites. Long terms goals for the campground would also add a restaurant, playground, and swimming pool. These additions are expected to increase the number of visitors to the campground and will be tracked as the site expands.

Trammel Community Revitalization

Status: Preliminary OSMRE approval (6/6/19)

Location: Dickenson County, Virginia

Requested AMLER Funding: \$150,000

Additional Funding: \$1.893 million from project partners

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: People Incorporated, Community Development Block Grant, Dickenson County, and USDA Rural Development Grant

Update: Project added to FY 2018 AMLER grant due to the availability of funding.

This project will assist the town of Trammel, VA by providing internet and phone connectivity to residents and improve community buildings and infrastructure. Specifically, 24 homes (occupied by 49 residents) will be rehabilitated or reconstructed, 17 blighted properties and community health and safety hazards will be demolished and returned to green space, high speed internet access and phone service will be linked to 35 homes (89 residents). Approximately 3,500 linear feet of sidewalk will be repaired, 900 linear feet of road widened, drainage and water lines replaced, six structures will receive drainage improvement (five dwellings and the community church), and a historic wayside exhibit will be constructed. Economic modeling estimates this project will generate \$5.4 million in total economic activity, contribute nearly \$1.6 million in earnings to employees, support over 34 jobs across different sectors of the economy, and provide close to \$2.8 million in value-added benefits.

Wise County Industrial Development Authority Solar Project Site Preparation

Status: Preliminary OSMRE approval (6/6/19) - OSMRE final approval ATP issued (8/4/20) - Construction started (12/15/21)

Location: Wise County, Virginia

Requested AMLER Funding: \$500,000

Additional Funding: \$4.117 million from Sun Tribe Solar

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

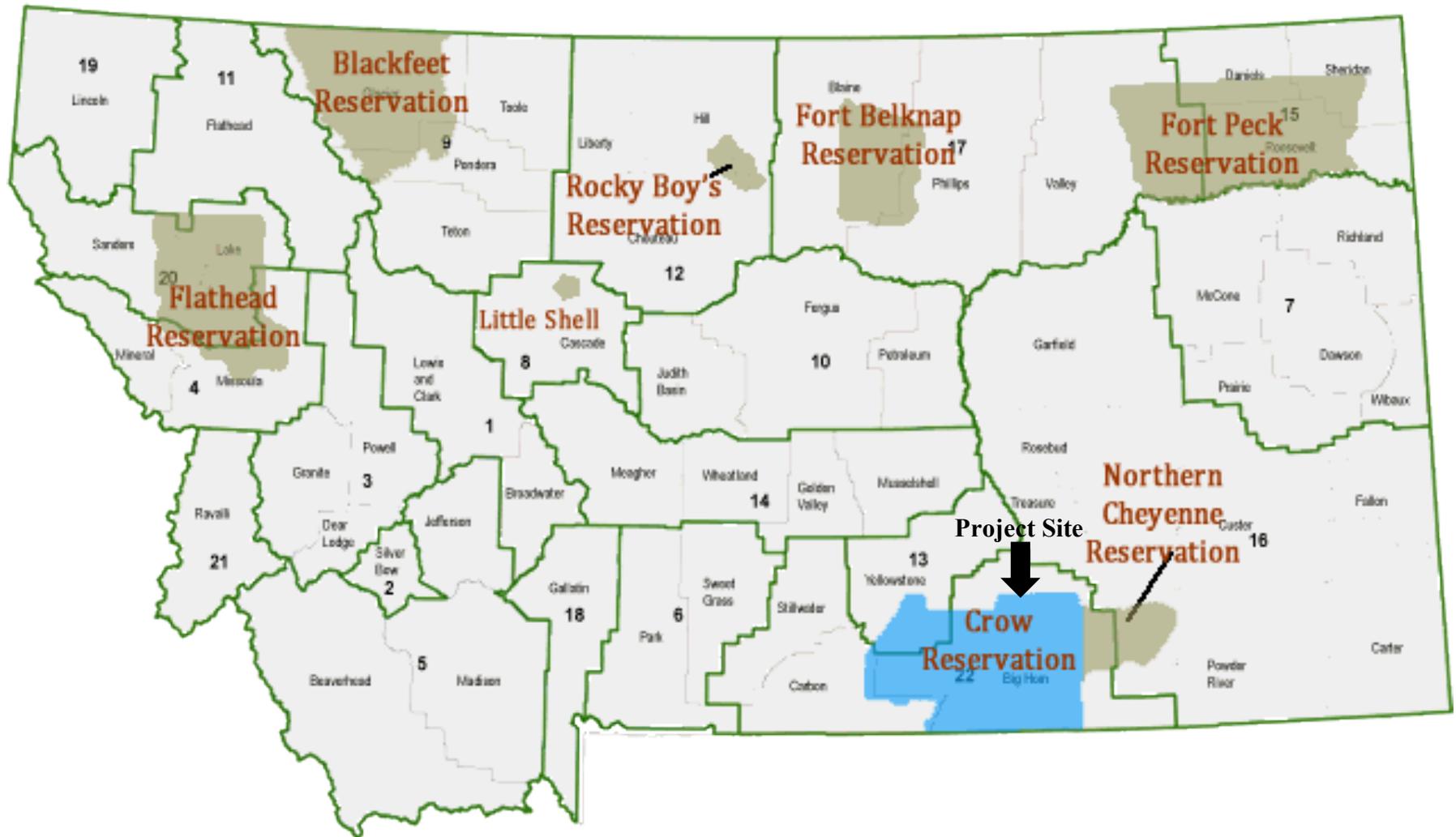
Project Partners: Wise County IDA, Mineral Gap Data Center Affiliate, and Sun Tribe Solar

This project will reclaim 28 acres of AML and prepare the site for solar electricity infrastructure. Site development will include earthwork, engineering, design, and permitting. Approximately 9,000 solar panels with a capacity of generating 3.45 MW will be installed onsite to provide power to the Mineral Gap Data Center in Wise County, VA for 35 years. Jobs are expected to be created for local contractors and at the Mineral Gap Data Center as the facility expands. Additionally, Sun Tribe will work with Mountain Empire Community College and Wise County Public Schools to enable students to get hands-on experience with solar energy resources.



Solar Panel Installation for the Wise County Industrial Development Authority Solar Project

Figure 25: Map of the Crow Tribe's Active Project Receiving FY 2018 AMLER Funds



FY 2018 Crow Tribe

As of November 30, 2022, the Crow Tribe had selected and submitted one project to OSMRE to confirm the project's eligibility using its \$3.33 million FY 2018 AMLER grant. The project received preliminary approval from OSMRE and is currently active. Located in the northern portion of the Crow Reservation, (*Figure 25*), the active FY 2018 AMLER project is an infrastructure project that will create long-term economic benefits in the local community in terms of jobs created and the reduction of landfill waste. In addition, the AMLER project has the potential to leverage an additional \$0.56 for every \$1 of AMLER funding local economic development funds. Additional information can be found through the [Crow Tribe Abandoned Mine Land Division](#).

Project Submitted to OSMRE PSD Requesting FY 2018 AMLER Funds

Crow Tribal Waste Reduction and Recycling Project

Status: Preliminary OSMRE approval (3/31/20) - OSMRE final approval ATP issued (12/13/21)

Location: Crow Reservation

Requested AMLER Funding: \$3.333 million

Additional Funding: \$1.869 million from project partners (including \$269,000 from the Crow Tribe and \$1.6 million in financing from other partners).

AML Site Info: Proximity to communities impacted by loss of mining jobs

Project Partners: Little Big Horn College, Crow Indian Reservation schools, Crow/Northern Cheyenne Hospital, City of Hardin, Big Horn County government, Reservation area businesses, and various independent recycling companies.

This project will enhance the Crow Tribe's recycling program through educational outreach and the construction of a new recycling facility. Recyclable material would be gathered around the current waste container sites and sorted and transferred to regional recycling facilities. A new permanent recycling facility could then be constructed on Crow Tribal Lands with the goal of becoming self-sufficient after 3 years. During the first three year, 14 full-time positions would be funded by AMLER funds. Other benefits include a reduction in material sent to regional landfills, creating infrastructure and business opportunities, and educational opportunities that enhance the community.

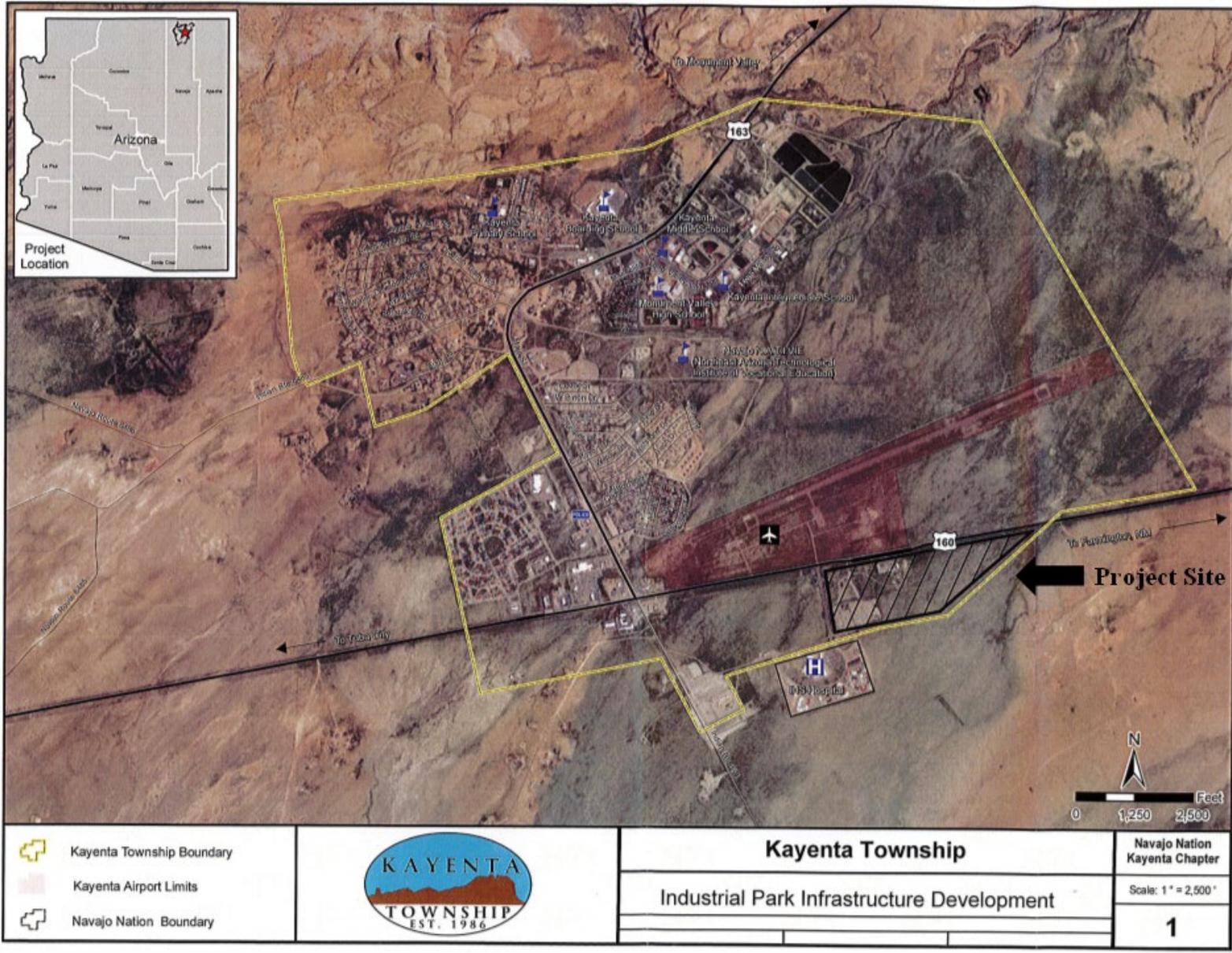


Crow Tribal Waste Reduction and Recycling Project Site

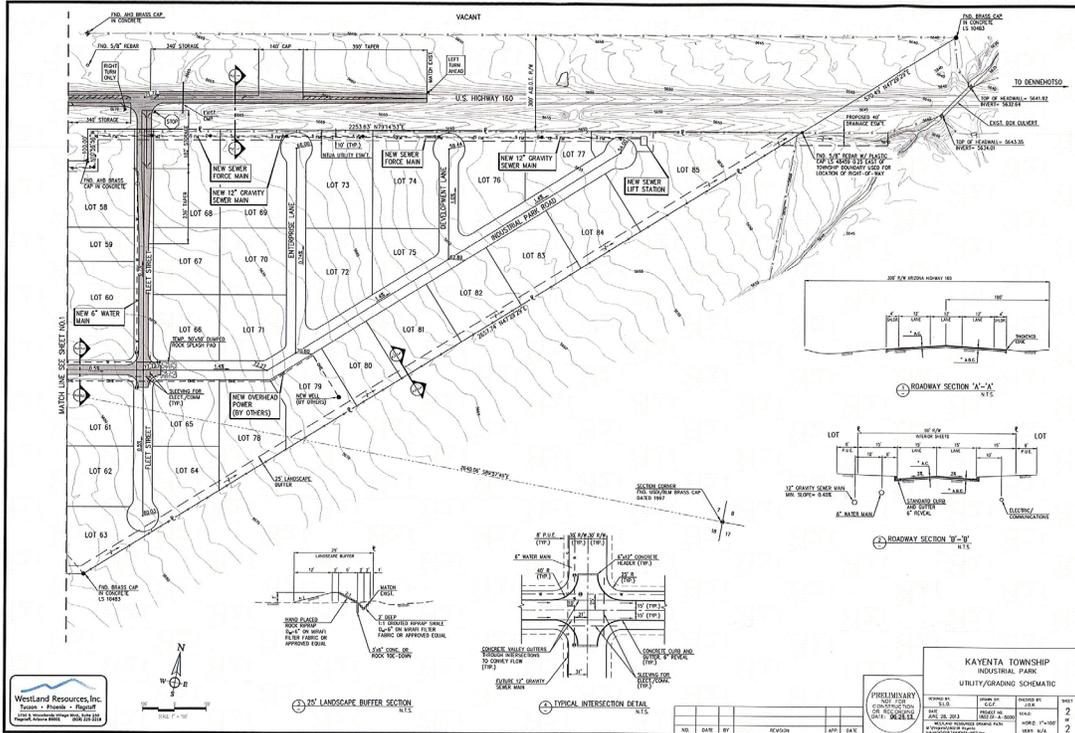
FY 2018 Hopi Tribe

As of November 30, 2022, the Hopi Tribe has not submitted FY 2018 AMLER project applications to OSMRE for preliminary approval review.

Figure 26: Map of the Navajo Nation's Active Project Receiving FY 2018 AMLER Funds



This project will expand the infrastructure of the Kayenta Industrial Park in order to attract new businesses that will be able to provide jobs for the local community that has a 44.25% unemployment rate. Infrastructure to be added includes up to 4,800 linear feet of waterline, 7,800 linear feet of sewer line, and 0.7 mile of road within the park. In addition, the connecting roads (U.S. Route 160 and Kayenta Health Center Road) will be widened to add turning lanes to the industrial park. Kayenta Township has received multiple letters of interest from businesses that could utilize the expanded infrastructure to expand development of the industrial park.



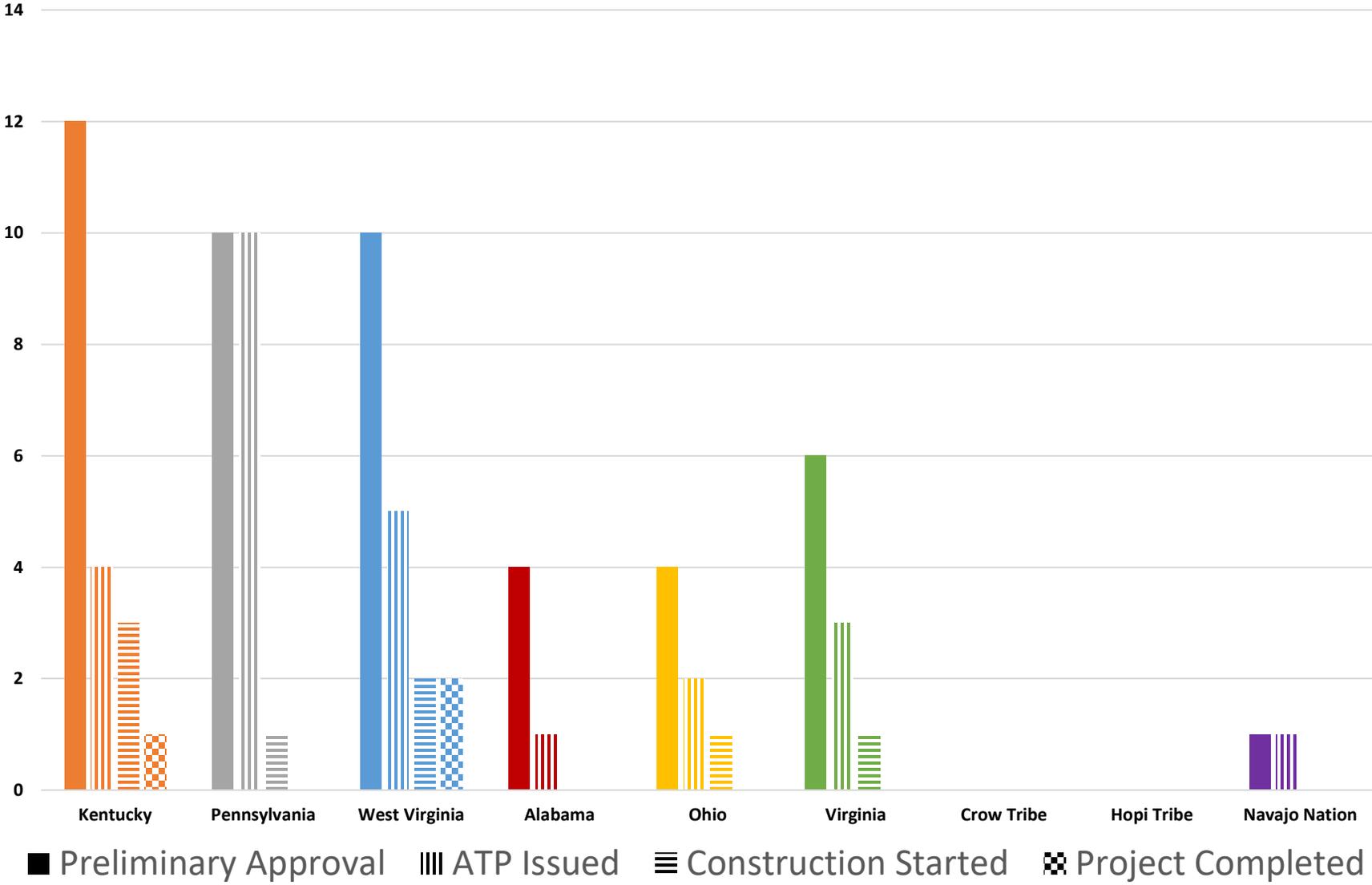
Additional Utility/Grading Schematic for Kayenta Industrial Park Infrastructure Project

VII. Implementation of the FY 2019 AMLER Program

OSMRE notified eligible states and Tribes on April 16, 2019, that their FY 2019 AMLER funding was available, and they could prepare grant applications. As of November 30, 2022, OSMRE has awarded FY 2019 AMLER grants to Kentucky, Pennsylvania, and West Virginia (\$25 million each), Alabama, Ohio, and Virginia (\$10 million each), and the Navajo Nation (\$3.33 million). OSMRE is working with the Crow Tribe and the Hopi Tribe to submit a FY 2019 AMLER grant applications.

OSMRE released the *FY 2019 AML Pilot Guidance Document* on October 23, 2019. That guidance document was developed by OSMRE to assist states and Tribes in their selection of projects and reflected several improvements from the previous year. Updates to the AML Pilot Guidance Document for FY 2019 included reference to the updated OSMRE National Environmental Policy Act (NEPA) Handbook, and clarification that reporting requirements and instructions for the purchase of real property apply to the current and previous fiscal years. The guidance document also outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria.

Figure 27: Status of FY 2019 AMLER Projects



FY 2019 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of 12 projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2019 AMLER grant. All 12 projects received preliminary approval from OSMRE and are currently active. Located across nine counties in eastern Kentucky (*Figure 28*), the 12 active FY 2019 AMLER projects include five infrastructure projects, three production/commercial projects, one professional training/education project, and three point-of-interest/tourism projects. The projected combined benefits for these projects are: 851 direct jobs created/retained, 80,000 visitors attracted to points of interest, workforce training for 265 students annually, 77,700 linear feet of utility lines constructed, and 10,402 households improved by new infrastructure. Other benefits include the construction of three telecommunication towers and 245,000 square feet of industrial buildings. The 11 active AMLER projects are expected to leverage an estimated additional \$0.47 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Pikeville Medical Center Children's Hospital - Completed

Status: Preliminary OSMRE approval (1/15/20) - OSMRE final approval ATP issued (7/1/20) - Construction started (7/17/20) - Project completed (3/11/22)

Location: Pike County, Kentucky

Requested AMLER Funding: \$4.78 million

Additional Funding: \$1.667 million for project partners (including \$1.5 million from ARC and \$166,293 from the Pikeville Medical Center).

AML Site Info: Priority 1 unreclaimed

Project Partners: ARC and the Pikeville Medical Center



Completed Pikeville Medical Center Children's Hospital

This project has constructed and renovated a Children's Hospital and Pediatric Clinic (over 13,000 square feet in total). It has increased the quality of care, reduce the cost of care, and result in fewer patient transfers. The new facility services a 50-mile radius that includes a population of over 100,000 children. As of November 30, 2022, the project has created 24 permanent jobs, retained an additional 120 jobs, and treated/admitted 411 individuals (transfers out has been reduced to less than 3%). Over a 4-year period, an additional 150 - 200 positions can be created with this and other expansions of the Pikeville Medical Center.

Advanced Manufacturing and Construction Center of Excellence (AMCCE)

Status: Preliminary OSMRE approval (3/5/20)

Location: Perry County, Kentucky

Requested AMLER Funding: \$2.5 million

Additional Funding: \$4.82 million from project partners (including \$3.85 million from the EDA and \$970,00 from the Hazard Community & Technical College).

AML Site Info: Priority 3 unreclaimed

Project Partners: Kentucky Community Technical College System/Hazard Community and Technical College, Appalachian Regional Commission, Economic Development Administration, Dajcor Aluminum, Ltd., AAA Mine Service, Inc., Eastern Kentucky Concentrated Employment Program, Hazard Perry County Economic Development Alliance, Perry County Fiscal Court

This project will renovate 9,200 square feet within the 77,000 square foot HCTC complex (includes an industrial education building and transportation building). The building upgrades will be used to offer training programs on: welding, construction, computer aided drafting and design (CADD), electricity, machinist, tool and die, heating, ventilation, air conditioning, automotive tech, diesel, and commercial drivers licenses. The renovations will include structural modifications and upgrades to the buildings electrical, water, HVAC, and pneumatic air systems. A total of 265 students are expected to enroll each year with an estimated 220 students to graduate per year (due to the different length of the programs: 6 months to 2 years). These students are estimated to have a \$127.61 million impact on the local economy after 5 years based on their proposed salaries. The graduates will be able to fill numerous local jobs, particularly for Dajor Aluminum (which has plans to bring 265 jobs to the area).

Drone Port Water & Sewer Collection

Status: Preliminary OSMRE approval (5/22/20)

Location: Knott County, Kentucky

Requested AMLER Funding: \$743,000

Additional Funding: \$500,000 from ARC

AML Site Info: Priority 3 unreclaimed

Project Partners: Appalachian Regional Commission, Troublesome Creek Environmental Authority, Kentucky River Area Development District, Perry County Fiscal Court, Knott County Fiscal Court, Knott County Water and Sewer District, Hazard Community Technical College, and USA Drone Port

This project will construct a 50,000-gallon storage tank, 75 gallon per minute booster station, and approximately 7,500 linear feet of sewer and 7,200 linear feet of water line to the Drone Port USA facility that received FY 2018 AMLER funds. These utility lines will serve the Drone Port as well as 100 acres of an adjacent site that could be developed by other businesses (that support the Drone Port). Jobs created at the site (including unmanned flight systems, construction/building,

programming, tech start-ups, drone repair, consulting, marketing services, hospitality and food service) will be reported as part of the metrics for the USA Drone Port project.

Eastern Kentucky (EKY) Builds Pinnacle Park

Status: Preliminary OSMRE approval (10/15/20)

Location: Martin County, Kentucky

Requested AMLER Funding: \$2 million

AML Site Info: Priority 3 unreclaimed

Project Partners: Big Sandy Regional Industrial Authority, Big Sandy Area Development District, One East Kentucky, and American Electric Power

This project will continue development within the East Kentucky Business Park (EKBP) (also supported by the Martin County Water System Improvements project from the FY 2018 AMLER Program). FY 2019, funding will be used to construct a 200,000 square foot building pad and upgrade an existing 45,000 square foot building with finished office space, parking, and loading docks to increase the facilities marketability. Based on potential interest in these two building, the improved 45,000 square foot building is estimated to result in 50 jobs and the 200,000 square foot building is expected to house 220 jobs.

International Landing Zone

Status: Preliminary OSMRE approval (12/8/20)

Location: Martin County, Kentucky

Requested AMLER Funding: \$1.37 million

Additional Funding: \$100,000 from Kentucky Power Economic Growth Grant

AML Site Info: Priority 3 unreclaimed

Project Partners: Big Sandy Regional Industrial Authority, Big Sandy Area Development District, and One East Kentucky

This project will develop the International Landing Zone within the East Kentucky Business Park (EKBP). AMLER funds would be used to improve an existing 33,000 square foot building shell to serve as a multi-user manufacturing space (includes 27,000 square feet of manufacturing space, office space, and purchase of operating equipment. This will provide small-scale graduated manufacturing space for companies (two to five manufacturers at a time) seeking to begin operations in the United States. Once established, the manufacturers will receive business development support to expand to their own locations in eastern Kentucky (within 12 to 36 months). While operating at the International Landing Zone, each manufacturer is expected to create between 10 - 20 jobs (20 - 100 jobs in total).

Knott County Water and Sewer District Generators

Status: Preliminary OSMRE approval (5/17/22)

Location: Knott County, Kentucky

Requested AMLER Funding: \$600,000

AML Site Info: Priority 2 previously reclaimed

Project Partners: Kentucky River Area Development District (KY RADD) and the Knott County Water and Sewer District

This project will install two backup generators at the Regional Carr Creek Water Treatment Plant (which treats 4 million gallons per day) to ensure a stable water source and prevent shortages during power outages. AMLER funds would be used to purchase the two backup generators and to prepare

the site which will include concrete pads, bollards, and wiring. The facility is managed by the Knott County Water & Sewer District which is a public utility. The generators will stabilize water supply for 8,767 residences and 414 businesses and stabilize direct service to 3,157 residences and 82 businesses.

Leslie County Connectivity & Teleworks

Status: Preliminary OSMRE approval (12/8/20)

Location: Leslie County, Kentucky

Requested AMLER Funding: \$2.056 million

AML Site Info: Priority 3 unreclaimed

Project Partners: Leslie County Fiscal Court, City of Hyden, Eastern Kentucky Concentrated Employment Program (EKCEP), Teleworks USA, Beechfork and Stinnet Community Centers, Hyden Teleworks Center (located within a section of the Hazard Community Technical College campus), Leslie County Board of Education, and Kentucky Wired/Center for Rural Development

This project will install new telecommunications and internet service to Leslie County. AMLER funds will be used to construct three telecommunication towers (300 feet tall) and renovate the Stinnett and Beechfork Community Centers with access to high-speed internet to host remote work opportunities from Teleworks USA and EKCEP. The towers will also improve internet service for the Hyden Community Center. In total, all three community centers are estimated to provide workstations/jobs for 83 people (65 of which would be newly created). These sites are expected to be used by full time remote workers, remote learning students, and increase the opportunity for telemedicine. The towers will also open avenues to extend internet service to homes and other businesses more easily and affordably via the Kentucky Wired network. Wireless internet would be available to an estimated 300 to 375+ residents, businesses, and students in proximity of the three towers. The construction work for this project is estimated to create over 40 temporary construction jobs.

Mine Made Adventures

Status: Preliminary OSMRE approval (5/7/20) - OSMRE final approval ATP issued (3/10/22)

Location: Knott County, Kentucky

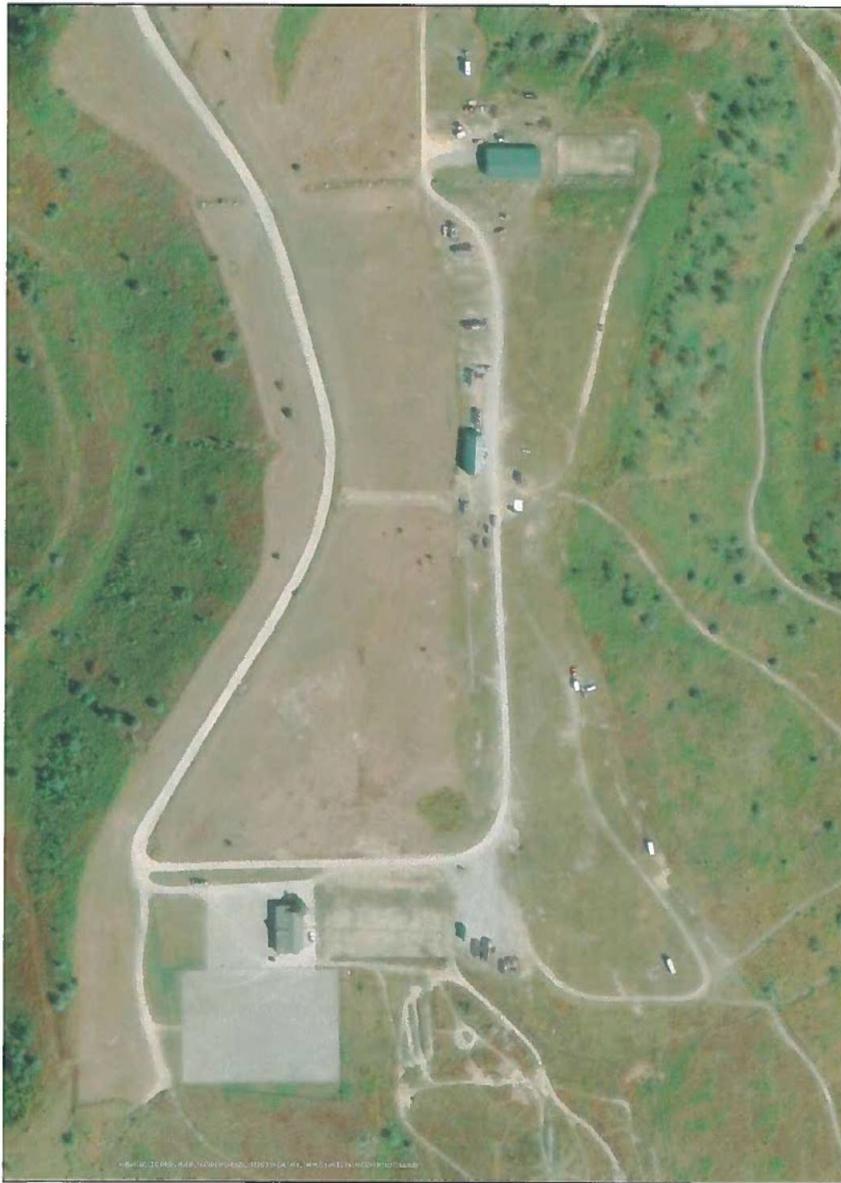
Requested AMLER Funding: \$1.7 million

Additional Funding: 10,000 plus \$20,739 as in-kind value from the Knott County Fiscal Court

AML Site Info: Priority 3 unreclaimed

Project Partners: Knott County Fiscal Court and the Kentucky Mountain Regional Recreational Authority

This project will expand a county-owned park (Mine Made Adventures). AMLER funds will be used to add 30 new campsites, ten rental cabins, a welcome center, multi-purpose building, playground, and new sewer, water, electrical, and internet lines. These improvements are estimated to increase visitation from 20,000 annual visitors to 40,000 and increase the local economic impact by \$1.5 million in the first year after completion.



Area to be developed for the Mine Made Adventure Project

Paintsville/Johnson County Economic Development Sewer Expansion

Status: Preliminary OSMRE approval (3/5/20)

Location: Johnson County, Kentucky

Requested AMLER Funding: \$4 million

Additional Funding: \$3.68 million from project partners (including \$1 million from ARC and \$2.68 million from a State Revolving Fund Loan).

AML Site Info: Priority 3 unreclaimed

Project Partners: City of Paintsville, ARC, State Revolving Fund, Johnson County Fiscal Court, and the Johnson County Economic Development Authority, Big Sandy Area Development District (BSADD), Paintsville Utilities Commission, and the Appalachian Regional Commission

This project will update the sewer system in Paintsville, KY. The sewer expansion would include 34,000 linear feet of new sewer line to divert from the near capacity Paintsville Wastewater Treatment Plant (WWTP) to the underutilized Honey Branch WWTP. Updates to the Honey

Branch WWTP will also be made to improve the efficacy of the system. These improvements are expected to create opportunity for new businesses to build in the area and is estimated to create 50 - 100 jobs within 12 - 18 months of completion. These jobs would likely utilize workers trained by the nearby eKAMI training facility funded by FY 2016 and FY 2017 AMLER Program. Later development of this project could also result in 75 - 100 new residential customers and 12 - 24 commercial customers within one to two years of project completion.

South Fork Elk View Campground (Phase 2)

Status: Preliminary OSMRE approval (5/7/20) - OSMRE final approval ATP issued (8/4/20) - Construction started (8/4/20)

Location: Breathitt County, Kentucky

Requested AMLER Funding: \$1.345 million

Additional Funding: \$500,000 from ARC

AML Site Info: Priority 3 unreclaimed

Project Partners: Appalachian Regional Commission, Breathitt County Recreation Corporation, UK Cooperative Extension, Kentucky River Area Development District, and the Appalachian Horse Project

This project will expand the South Fork Elk View Campground. Plans include the construction of 11 cabins furnished with two bedrooms and one bath, adding ten primitive tent sites, 12 full RV hook-up sites, grading, gravel roads, camping pads, on-site electric, water, sewer, minor landscaping, and a small playground area. There will also be a store with laundry, office, and staff apartment, a bath house, vehicle wash station, and a septic system for the bath house, cabins, and store. The campground will serve as a central hub for trails in the area and is expected to result in ten new jobs (five full-time and five part-time), 40,000 annual visitors including 20,000 overnight campers expected in first year, and \$100,000 in revenue expected in first year with an increase every year thereafter. Up to 16 private businesses have shown interest in investing to develop in the vicinity that could result in up to 119 additional jobs.

Thunder Mountain (Phase 2)

Status: Preliminary OSMRE approval (6/2/20)

Location: Letcher County, Kentucky

Requested AMLER Funding: \$2.4 million

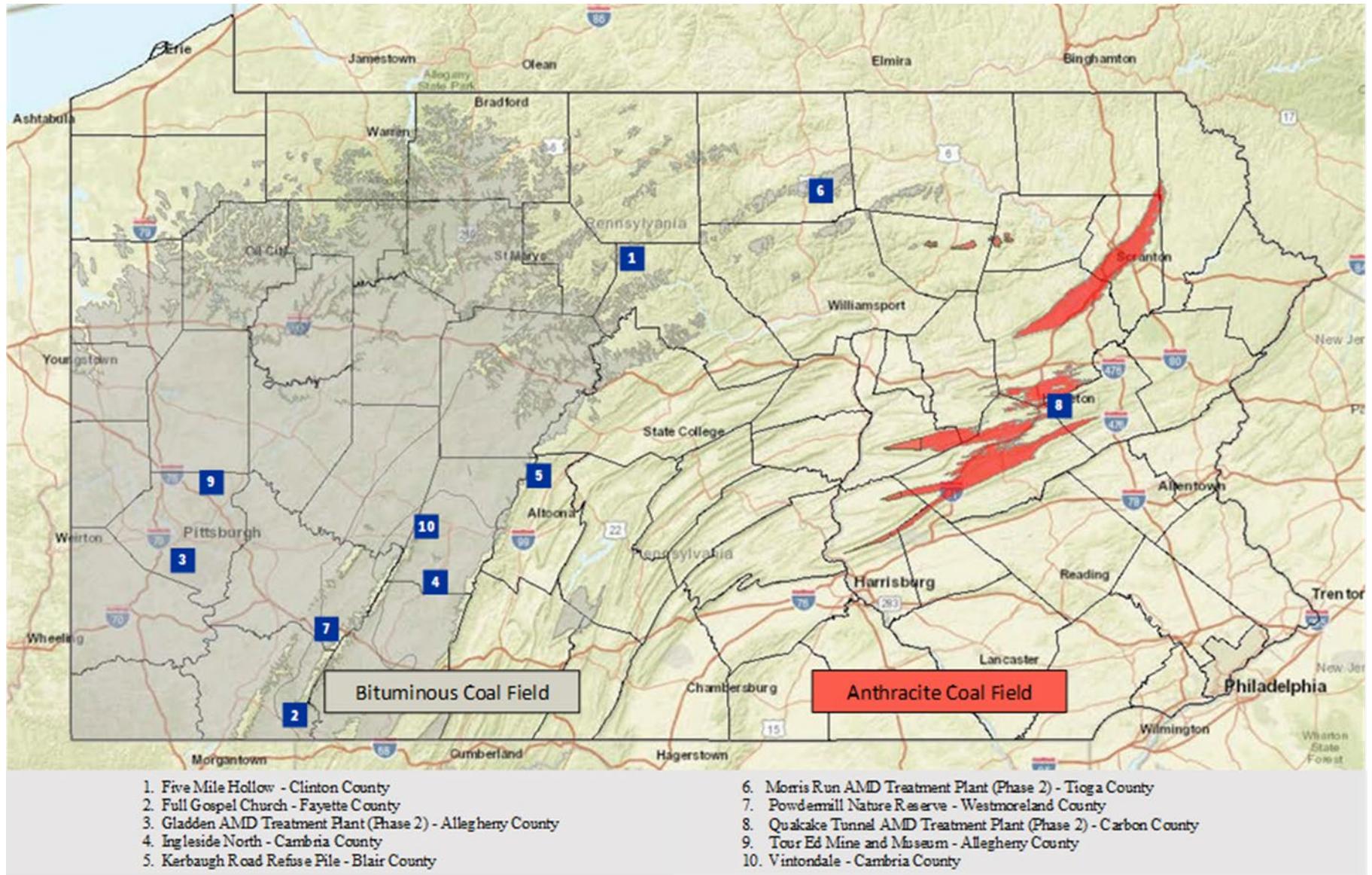
Additional Funding: \$500,000 from ARC and \$21,000 as in-kind value

AML Site Info: Priority 3 unreclaimed

Project Partners: Economic Development Administration, Letcher County Fiscal Court, Eastern Kentucky Heritage Foundation, Appalachian Regional Commission

This project continues the expansion of the Thunder Mountain sport shooting resort park that was also funded by the FY 2018 AMLER Program. The park will include several types of sport shooting (sporting clays, trap, skeet, rifle range, pistol range, archery range and trail, and paint ball fields), fishing-casting pond, obstacle course, picnic shelter, playground, educational and recreational sport shooting opportunities/events and competitions, camping, open-air clubhouse/pavilion, amphitheater, and rental cabins/lodging. The second phase of the project will construct an RV Park with 25 sites and dump station, a bath/shower house (600 square feet), five rental cabins (800 square feet each), a clubhouse/office building (4,000 square feet), an amphitheater (500 seat), pavilion shelter, and extension of sewer, water, and electrical lines. This phase is expected to attract 20,000 visitors and create 25 jobs and the completed site is estimated to attract up to 40,000 visitors per year and create 50 jobs.

Figure 29: Map of Active Projects in Pennsylvania Receiving FY 2019 AMLER Funds



FY 2019 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of ten projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2019 AMLER grant. All ten projects received preliminary approval from OSMRE and are currently active. Located across eight counties across Pennsylvania (*Figure 29*), the ten active FY 2019 AMLER projects include one infrastructure project and nine point-of-interest/tourism projects. The projected combined benefits for these projects are: 49,125 visitors attracted to points of interest (with more expected as development is completed), 4.11 miles of public trails constructed, 241 acres of land reclaimed, 8 miles of stream reclaimed, and 29,870 linear feet of utility lines constructed. Some number of households will also be improved by the new infrastructure which will be known as development is completed. The ten active AMLER projects are expected to leverage an estimated additional \$1.10 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#)

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Five Mile Hollow

Status: Preliminary OSMRE approval (11/5/20) - OSMRE final approval ATP issued (5/13/21)

Location: Clinton County, Pennsylvania

Requested AMLER Funding: \$9.4 million

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: DCNR, The Clinton County Conservation District, The Western Clinton Sportsman Association, Lycoming College Biology Department, Kettle Creek Watershed and The Penn State University Hazleton Branch Campus Biology Department



Five Mile Hollow Area to be Reclaimed

This project will reclaim approximately 100 acres of abandoned mine land for outdoor recreation (fishing, ATV riding, nature viewing, stargazing, and hiking). AMLER funds would be used to reclaim spoil material and six highwalls totaling approximately 18,000 linear feet. Approximately 16,000 feet of access roads will be converted into ATV trails including five destination spots. The land is part of an ATV Recreational Facility in Sproul State Forest. With the area reclaimed and trails added, safety of visitors will be improved and an increase in the total visitors is expected (approximately 20,000 per year - based on an estimated increase of 11-12% from the total visitation (173,173) to the park in 2012). The local economy is also estimated to benefit from the additional visitors who spend an average of \$81 to \$100 per day per vehicle.

Full Gospel Church

Status: Preliminary OSMRE approval (11/5/20) - OSMRE final approval ATP issued (12/21/20)

Location: Fayette County, Pennsylvania

Requested AMLER Funding: \$500,000

Additional Funding: \$14,355 from project partners (including \$4,355 from AML fee-based funds to address physical hazards, and \$10,000 from DCNR).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pennsylvania Department of Conservation and National Resources (DCNR) and the Bureau of Abandoned Mine Reclamation

This project will reclaim approximately 18 acres of abandoned mine land for outdoor recreation uses (hiking and hunting). AMLER funds will be used to reclaim spoil material and 2,700 linear feet of highwall. From the reclamation work, approximately 370 feet of access road and a 12-vehicle parking lot will be kept for use by visitors. The land is part of the Ohiopyle State Park and the improvements from this project are expected to protect the public from the hazards of the dangerous highwalls while enhancing the recreational value of the site. Visitation to the park is expected to continue to increase (currently 1.5 million annually). In 2010, Ohiopyle State Park visitors spent an estimated \$34.8 million dollars and supported 604 jobs.

Gladden AMD Treatment Plant (Phase 2)

Status: Preliminary OSMRE approval (9/18/20) - OSMRE final approval ATP issued (10/27/20)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$3 million

Additional Funding: \$7 million from AMD set-aside

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: South Fayette Conservation Group, Tetra Tech, and John Kosky Contracting, Inc

This project continues work on the Gladden AMLER project that is utilizing FY 2017 AMLER funds to partially construct an acid mine drainage (AMD) treatment plant. FY 2019 AMLER funds will be used (with AMD-Set Aside) to complete the project. With completion of the plant, 14 miles of Chartiers Creek and four miles of Miller Run will be available for recreational uses. The streams will be stocked with trout and accessible via Meyer Park and Middleton Park. The estimated annual revenue generated from fishing and boating on the 18 miles of stream is \$891,000. The four miles of Miller Run also flow through the 300-acre Newbury Market Development site and will increase the value of the land for future commercial and residential tenants. The AMD treatment system can also be utilized as an educational tool for local schools and universities (measured as tours per year).

Ingleside North

Status: Preliminary OSMRE approval (9/21/20) - OSMRE final approval ATP issued (10/14/20)

Location: Cambria County, Pennsylvania

Requested AMLER Funding: \$1.2 million

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: East Hills Development Company, Richland Township, Cambria County

This project will reclaim 5,900 linear feet of highwall (30 - 40 ft tall), 30 acres of spoil material, and grade and compact 20 acres to create a 70-acre plot. The East Hills Development Company owns the 70-acre site and is interested in developing the property for manufactured homes or as a residential subdivision. If developed, 1,500 linear feet of utility mains (water, sewer, and gas) would be installed along the primary access road (also 1,500 linear feet) to prepare for this type of residential development. The site could also be developed for outdoor recreation and potentially serve the surrounding area with a public park, 3,700 linear feet of hiking/biking trails, or another type of public facility.

Kerbaugh Road Refuse Pile

Status: Preliminary OSMRE approval (7/10/20) - OSMRE final approval ATP issued (9/24/20)

Location: Blair County, Pennsylvania

Requested AMLER Funding: \$1 million

Additional Funding: \$1.904 million from project partners (including \$527,389 from Antis Township, \$469,900 from Pennsylvania Department of Conservation and Natural Resources, \$31,526 from Department of Community and Economic Development, and \$875,780.00 from PennDOT)

AML Site Info: Priority 1 unreclaimed

Project Partners: Antis Township, Bellwood Borough, Keep Blair Beautiful, Blair County Conservation District, Altoona-Blair County Development Corporation, The Allegheny Ridge Corporation, Progress Funds Trail Towns Program, Interfaith Power and Light, Central Blair Recreation Division, Pennsylvania Department of Conservation and Natural Resources, PennDOT, Penn State Altoona, and the Department of Community and Economic Development



Kerbaugh Road Refuse Pile

This project will reclaim 22 acres of abandoned mine land and create 1.6 miles of multi-use trail with an additional 1.2 miles of trail planned to be constructed in the near future with township and other grant funding. The project will also create a 5-acre greenspace park for local residents. The trails directly associated with this project would directly benefit 8,304 residents in the local municipality and 57,000 residents in the general area, with an estimated 10,000 annual trail users. An additional 100 miles of trails in the general vicinity is also planned for the future. An economic study was conducted based on other local trails in the area and found that businesses reported 20% of their sales were attributed to local trail users with those users spending \$13 - \$21 a day while visiting the trail. At least a dozen businesses in close proximity to this trail segment would be able to support visitors (lodging, bike shop, and restaurants).

Morris Run AMD Treatment Plant (Phase 2)

Status: Preliminary OSMRE approval (9/18/20) - OSMRE final approval ATP issued (9/22/20)

Location: Tioga County, Pennsylvania

Requested AMLER Funding: \$2.190 million

Additional Funding: \$5.8 million from AMD Set-Aside

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pennsylvania Department of Conservation and Natural Resources, Conservation District, The Susquehanna River Basin Commission (SRBC); The Tioga County Concerned Citizens Committee, Inc. (TCCCC)

This project continues work on the Morris Run AMLER project that is utilizing FY 2018 AMLER funds to partially construct an acid mine drainage (AMD) treatment plant. FY 2019 AMLER funds will be used (with AMD-Set Aside) to complete the project. With completion of the plant, 20 miles of streams (18 miles of Tioga River, one mile of Coal Creek, one mile of Morris Run) will see increased opportunity for fishing and outdoor recreation. The area will see an influx of fisherman and boaters which is estimated to generate \$875,000 per year in revenue for the local economy. In addition, the area may attract more hikers, outdoor enthusiasts, and businesses such as sporting goods stores. Access to the waterway is available via U.S. Route 15 which parallels the Tioga River.

Powdermill Nature Reserve

Status: Preliminary OSMRE approval (9/2/20) - OSMRE final approval ATP issued (4/21/22)

Location: Westmoreland County, Pennsylvania

Requested AMLER Funding: \$1.682 million

AML Site Info: Priority 3 unreclaimed

Project Partners: Carnegie Institute, Stream Restoration, Loyalhanna Watershed Association, Dr. Jefferey Larkin

This project will reclaim 20 acres of abandoned mine land on the Powdermill Nature Reserve (including 3,300 feet of highwall, 14 acres of spoil material, and rehabilitate two passive treatment systems) which would create habitat for the golden-winged warbler. Once reclamation is complete, the Powdermill Nature Reserve and its parent organization (the Carnegie Institute) will improve infrastructure for visitors by refurbishing 3,600 ft of existing trail and one mile of access road in addition to constructing 3,300 ft of new trail, 1/4 mile of access road, four viewing areas/overlook platforms, educational signage, parking area, and a trail head. These improvements are expected to expand opportunities for outdoor recreation (hiking and wildlife viewing) as well as education and research resources for the Carnegie Institute. Powdermill Nature Reserve currently receives

approximately 5,000 visitors annually and the improvements made with this project are expected to result in an additional 1,000 visitors per year.

Quakake Tunnel AMD Treatment Plant (Phase 2)

Status: Preliminary OSMRE approval (9/18/20) - OSMRE final approval ATP issued (9/22/20)

Location: Carbon County, Pennsylvania

Requested AMLER Funding: \$3 million

Additional Funding: \$11.5 million from AMD Set-Aside

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pennsylvania Department of Community and Economic Development, US Department of Housing and Urban Development, Carbon County Commissioners, Redevelopment Assistance Capital Program, Growing Greener, Wildlife Conservancy, USGS

This project continues work on the Quakake Tunnel AMLER project that is utilizing FY 2017 AMLER funds to partially construct an acid mine drainage (AMD) treatment plant. FY 2019 AMLER funds will be used (with AMD-Set Aside) to complete the project. With completion of the plant and a local municipal building for Weatherly Borough, 8 miles of Black Creek will be improved which is expected to increase water-based recreation opportunities including fishing and paddle sports. With this increase in tourism, the local economy is estimated to bring in an additional \$350,000 annually. The area is located within the Lehigh Gorge State Park, which receives 200,000 visitors annually to bike and raft the Lehigh River.

Tour Ed Mine and Museum

Status: Preliminary OSMRE approval (7/9/20) - OSMRE final approval ATP issued (10/27/20)

Location: Allegheny County, Pennsylvania

Requested AMLER Funding: \$387,000

Additional Funding: \$140,000 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: Tour Ed Mine and Museum

This project will reclaim a 400 ft of highwall (25 ft high), one deep mine entry, and spoil material to improve the safety of visitors of the Tour Ed Mine and Museum. The museum has operated since the 1970's to educate the public on coal mining. The museum currently reports approximately 9,000 visitors annually and offers educational programs (with 4,000 of the visitors being local school aged children). The number of visitors is expected to grow with the improvements made by this project. These improvements will also benefit the Mine Safety and Health Administration who uses the site for mine safety training and the Carnegie Mellon University Robotics team who uses the site to train and do academic research. Once this project is completed, the museum is planning to refurbish an old drag line to provide educational mining demonstrations.

Vintondale

Status: Preliminary OSMRE approval (7/9/20) - OSMRE final approval ATP issued (9/1/20) - Construction started (12/27/21)

Location: Cambria County, Pennsylvania

Requested AMLER Funding: \$487,638

Additional Funding: \$1.077 million from Robindale Energy Services

AML Site Info: Priority 1 and 2 unreclaimed and previously reclaimed

Project Partners: Blacklick Creek Watershed Association, Indiana County Conservation District, Robindale Energy Services, Cambria County Conservation and Recreation Authority (CCCRA),

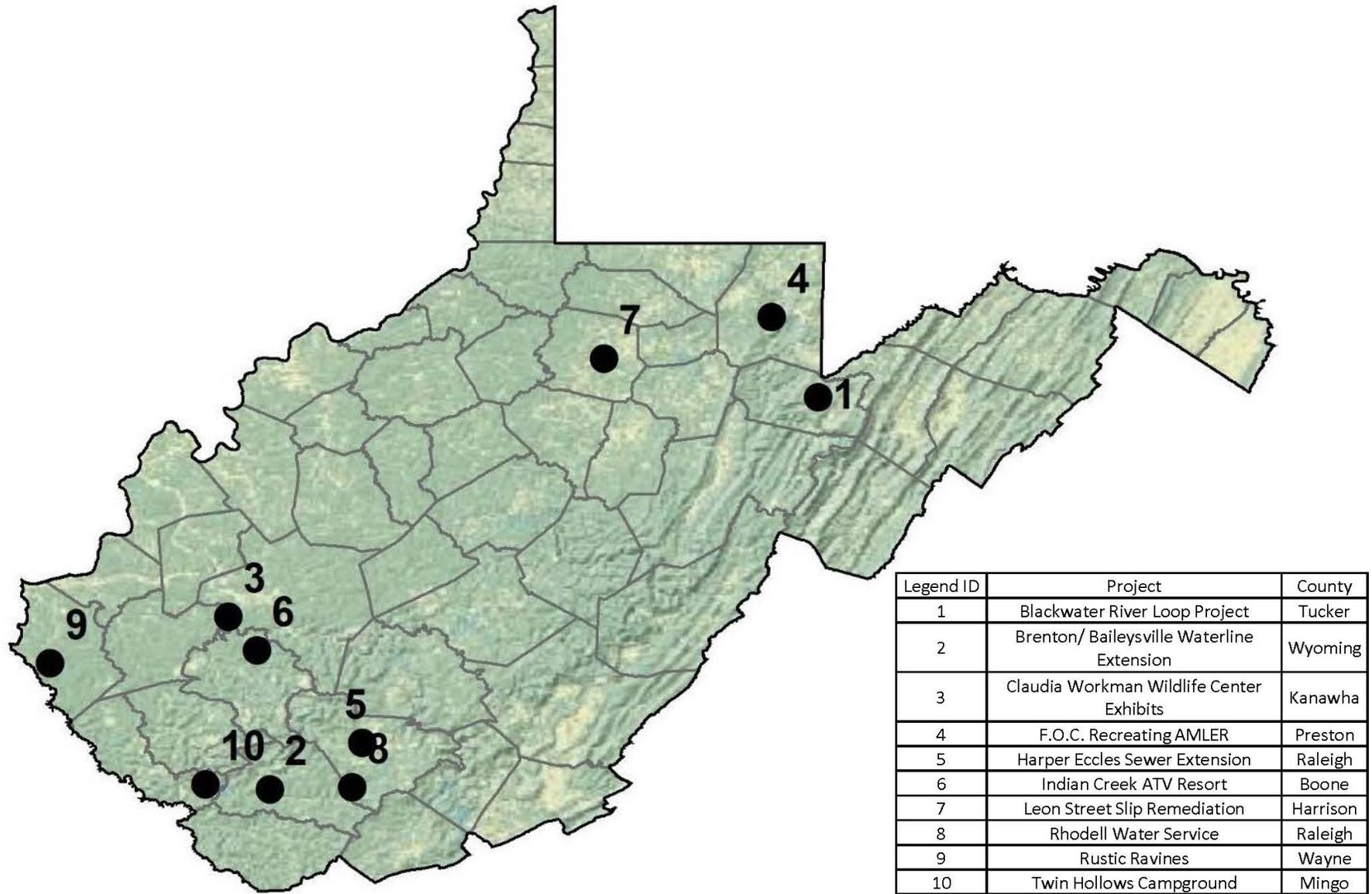
Brenda Cassol-Turass, Vintondale Borough, Minetech, Cambria County Board of Commissioners, Indiana County Board of Commissioners, Indiana County Parks and Trails, Cambria County Chamber of Commerce, Visit Johnstown (Cambria County Tourist Agency), Evergreen Conservancy, and Conemaugh Valley Conservancy.

This project will reclaim 11 acres of abandoned mine land (including 310,000 tons of acidic refuse material) and create a 900 linear foot trailhead in the town of Vintondale to the Ghost Town Trail. The Ghost Town Trail is a 36-mile trail through 5 small communities with 80,000 visitors per year. The project will create an access road off the public road with a parking lot (8,250 SF and 25 vehicle capacity) to access the trail. This trailhead will allow an additional 9,125 users to access this trail on an annual basis. The Cambria County Conservation and Recreation Authority intends to construct a community park/greenspace that includes restroom facilities, camping area, and a canoe/kayak launch on site.



Vintondale AML Site to be Reclaimed

Figure 30: Map of Active Projects in West Virginia Receiving FY 2019 AMLER Funds



FY 2019 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of ten projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2019 AMLER grant. All ten projects received preliminary approval from OSMRE and are currently active. Located across eight counties across West Virginia (*Figure 30*), the ten active FY 2019 AMLER projects include one multi-purpose project, three infrastructure projects, and six point-of-interest/tourism projects. The projected combined benefits for these projects are: 25 direct jobs created/retained (with more expected as development is completed), 26,980 visitors attracted to points of interest (with more expected as development is completed), 3.91 miles of public trail constructed, 17.5 acres of land reclaimed, 164,600 linear feet of utility lines constructed, and 780 households improved by new infrastructure. Additional benefits include an increase of road reliability for 4,558 cars per day. The ten active AMLER projects are expected to leverage an estimated additional \$0.90 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Indian Creek ATV Resort

Status: Preliminary OSMRE approval (5/1/20)

Location: Boone County, West Virginia

Requested AMLER Funding: \$3.263 million

Additional Funding: \$3.856 million from Peytona Development, Inc.

AML Site Info: Priority 1 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Hatfield-McCoy Regional Recreation Authority and Peytona Development, Inc.

This project will construct the Indian Creek ATV resort which will serve visitors of the Little Coal River Trail System (part of the Hatfield & McCoy Trail System). AMLER funds will be used to grade the site and install 2,500 linear feet of conduit, approximately 800 linear feet of gravel road, and 3,500 linear feet of water/sewer line. Private funding sources will construct an office/general store, 20 cabins, 15 RV slots, 20 tent sites, a bathhouse, and an ATV wash and storage facility. The resort is expected to host over 2,000 annual overnight visitors and increase the number of visitors (day riders) to the Hatfield & McCoy Trail System (which had over 50,000 riders in 2018). The resort is estimated to add \$100,000 in annual permit sale revenue for the ATV trail and \$750,000 in revenue annually to the local economy. The Hatfield & McCoy Trail System plans to build 50 miles of ATV trail with trailheads in conjunction with this project.

Blackwater River Loop Project: Hiking, Biking, and Heritage Tourism

Status: Preliminary OSMRE approval (4/30/20)

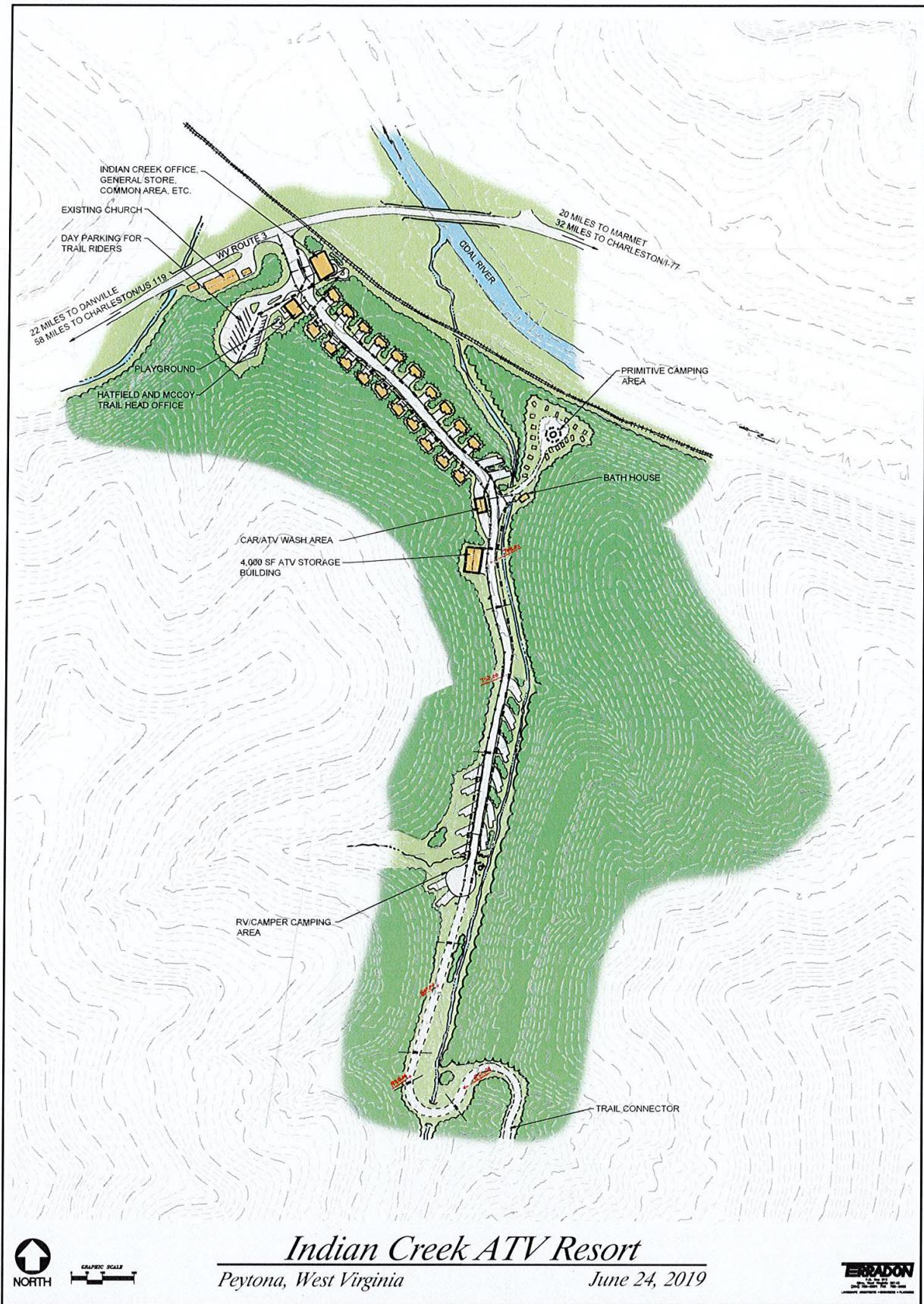
Location: Tucker County, West Virginia

Requested AMLER Funding: \$818,000

Additional Funding: \$48,000 from project partners (including \$24,000 from the West Virginia University School of Design and Community development, and \$24,000 from West Virginia Humanities Council).

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: West Virginia University School of Design and Community Development and the West Virginia Humanities Council



Proposed Design for the Indian Creek ATV Resort

This project will improve several outdoor recreation resources in Tucker County, WV. A parking lot will be converted into a trailhead and repairs/updates will be made to the Francis Grade Trail (1,875 linear feet), Pase Point Trail (3,500 linear feet), and the River Road Trail (10,000 linear feet). One mile of new trail will also be constructed in conjunction with a scenic cable suspension bridge with view of the Blackwater River and Douglas Falls. Interpretive signage and kiosks will be added to the trails and in the town of Davis that highlight local history. These improvements are expected to positively impact the local economy and increase visitation.

Brenton Baileysville Waterline Extension

Status: Preliminary OSMRE approval (4/29/20) - OSMRE final approval ATP issued (3/28/22)

Location: Wyoming County, West Virginia

Requested AMLER Funding: \$4.5 million

Additional Funding: \$676,500 from the Intergovernmental Job and Development Council

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partner: Region 1 Planning and Development Council, Wyoming County Commission, USDA Rural Development

This project will construct over 58,000 linear feet of 8-inch and smaller diameter waterline that will improve water service to 254 customers which includes the Baileysville Elementary and Middle School (319 students) and will allow for expansion of businesses that complement the Hatfield & McCoy Trail System. The new system will replace several older systems that experience frequent boil water notice advisories and outages that destabilize local businesses. The project also includes installation of 26 fire hydrants and a 150,000-gallon water tank.

Claudia L. Workman Wildlife Education Center - Completed

Status: Preliminary OSMRE approval (4/29/20) - OSMRE final approval ATP issued (11/20/20) - Construction started (12/8/20) - Project completed (3/18/22)

Location: Kanawha County, West Virginia

Requested AMLER Funding: \$959,613

Additional Funding: \$6.94 million from project partners (including \$5.4 million from the WV DNR, \$1.5 million as in-kind value from donation of the land, and \$40,000 from the Forks of Coal State Natural Area Foundation)

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: WVDNR, estate of the landowner, Coal River Group, and the Forks of Coal State Natural Area Foundation



Exterior of the Claudia L. Workman Wildlife Education Center

This project used AMLER funds to construct ten exhibits within the Claudia L. Workman Wildlife Education Center and six additional exhibits along the trails around the facility. Themes of the exhibits include: River Floor Map, North American Model of Wildlife Management, Elk Restoration Program, Warm Water Fisheries, Stream Restoration, Backyard Wildlife Habitat, Deer Management, Wildlife Restoration Projects, Early Succession Habitat, Invasive Species, History of Coal River Area Commerce, Coal River Lock and Dam System, Stream Restoration/Enhancements, Native Flora, Wildlife Habitat/Observation - with elevated covered platform, and Geologic History. Since opening in March of 2022, as of September 30, 2022, the center has attracted 3,916 visitors.



Interior of the Claudia L. Workman Wildlife Education Center

Fleming - An Old Mining Town

Status: Preliminary OSMRE approval (4/29/20) - OSMRE final approval ATP issued (4/12/22)

Location: Preston County, West Virginia

Requested AMLER Funding: \$395,000

Additional Funding: \$250,000 from AML fee-based funds to address physical hazards

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Wayne County Commission, Hatfield McCoy Regional Recreation Authority, and Wayne County Schools

This project will expand the Rustic Ravines outdoor recreation and rental resort. This will include the addition of 25 RV slips with water and 50-amp electric service, a basketball court, playground, water management system with 2,700 feet of waterline, a 10,000-gallon dump station for RVs, and conversion of a barn into a shower house/restroom facility. The project is expected to create five temporary construction jobs and the resort expects an increase in visitation from 6,000 annually to up to 21,024 visitors per year at 80% capacity. This project also connects to and support the Hatfield & McCoy Trail System.

Harper-Eccles Sewer Extension

Status: Preliminary OSMRE approval (4/29/20)

Location: Raleigh County, West Virginia

Requested AMLER Funding: \$7.647 million

Additional Funding: \$1.27 million from project partners (including \$1.22 million from a HUD Community Development Block Grant, and \$50,000 from local sources).

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Region 1 Planning and Development Council and HUD

This project will construct 70,900 linear feet of 2 – 8-inch diameter sewer line that will improve wastewater service to 375 customers that currently rely on private septic systems. The new system will include two pump stations and ten grinder lift stations to provide service to residents along three miles of Harper Road, half a mile of Soots Road, and two miles of Jehu Branch.

Leon Street Slip Remediation - Completed

Status: Preliminary OSMRE approval (6/10/20) - OSMRE final approval ATP issued (4/28/21) - Construction started (10/4/21) - Project completed (7/21/22)

Location: Harrison County, West Virginia

Requested AMLER Funding: \$1.293 million

Additional Funding: \$29,668 from the City of Clarksburg

AML Site Info: Priority 1 and Priority 3 unreclaimed

Project Partners: City of Clarksburg

This project has reclaimed an AML site (subsidence and a landslide) that was threatening a 3,500 square foot commercial building (with two businesses), one household (with two elderly residents), and a state road. The commercial building had been impacted by tenants leaving due to the instability of the building's location. With the completion of this project, the building can continue to host two businesses that serve approximately 40 people per day. Additionally, there is the potential for future expansion of the building (addition of 1,500 square feet and a parking area) and construction of an additional home. The project has also removed the threat of subsidence that could restrict access along state route 20 (4,558 vehicles per day) and to the private residence. If the reclamation had not been completed, the estimated value loss of the commercial building is \$700,000 and the private home is \$200,000.

Reclaiming the Cheat River as an Economic Asset through Trail Investment and Nurturing Greenspaces (RECREATING)

Status: Preliminary OSMRE approval (4/30/20) - OSMRE final approval ATP issued (9/1/21)

Location: Preston County, West Virginia

Requested AMLER Funding: \$1 million

Additional Funding: \$32,000 from project partners (including \$2,000 from local sources and \$10,000 from The Friends of the Cheat with another \$20,000 as in-kind value for volunteer time).

AML Site Info: Priority 1, 2, 3, and 4; unreclaimed and previously reclaimed

Project Partners: Friends of Cheat and the River of Promise Task Force

This project will construct a 17.5-acre trailhead with 25 parking spots, and purchase trail maintenance equipment. When complete, the trail will offer outdoor recreation opportunity to 35,000 local residents and is expected to bring visitors to the area. Economic models have estimated that the funding spent for this project will result in nearly \$3.4 million of economic activity and support nearly 25 jobs.



Proposed Design for the RECREATING Project

Rhodell Water Service Upgrade

Status: Preliminary OSMRE approval (4/30/20)

Location: Raleigh County, West Virginia

Requested AMLER Funding: \$2.125 million

AML Site Info: Priority 1 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Raleigh County Commission and the Region 1 Planning and Development Council

This project will construct public water service from the Raleigh County Public Service District to the residents of Rhodell, WV. This includes adding 24,700 linear feet of six-inch water line, 1,500 linear feet of two-inch water line, and a 100,000-gallon water storage tank. When completed, the waterline will result in improved water quality for 150 residents.

Twin Hollow Campground and Cabins Expansion

Status: Preliminary OSMRE approval (4/30/20)

Location: Mingo County, West Virginia

Requested AMLER Funding: \$2.669 million

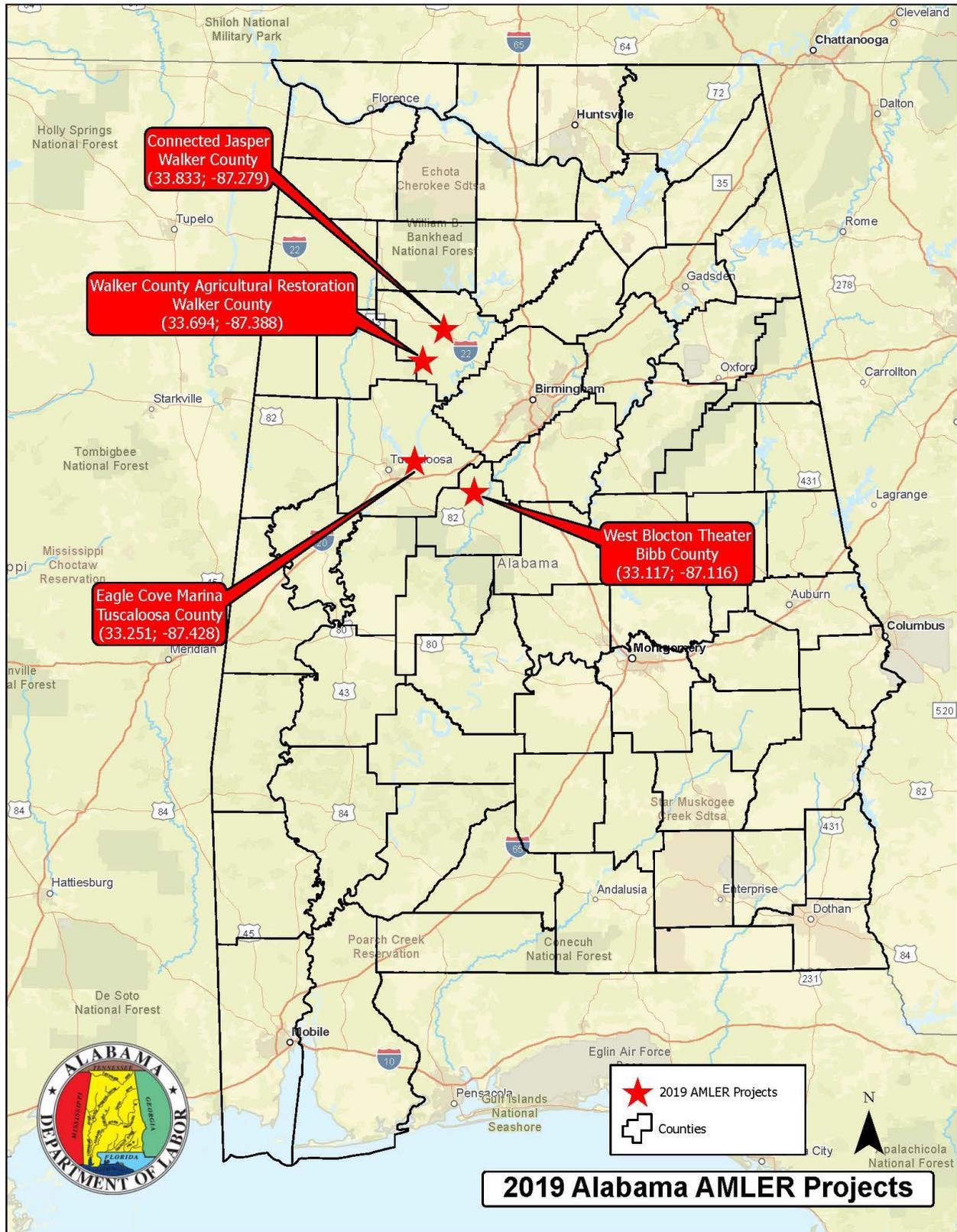
Additional Funding: \$9.431 million from Twin Hollow Resort

AML Site Info: Priority 3 unreclaimed and previously reclaimed

Project Partners: Twin Hollow Resort

This project will construct 9,900 linear feet of water line and 6,000 linear feet of sewage line to the Twin Hollow and Campground Resort. A 100,000-gallon water tank will also be installed as part of the system. This will allow the resort to fund its expansion over the next ten years and service the Hatfield & McCoy Trail with lodging and amenities. The expansion will include a restaurant, welcome center, ATV service bay, outdoor pavilion, bath house, 32 cabins, 12 tree houses, 30 RV sites, 25 campsites, outdoor stage, horseback riding facility, zip line, swimming pond, and a fishing pond. The infrastructure improvements and the resort expansion are expected to increase visitation (relative to the 8,000 patrons in 2019).

**Figure 31: Map of Active Projects in Alabama
Receiving FY 2019 AMLER Funds**



FY 2019 Alabama

As of November 30, 2022, Alabama had selected and submitted a total of four projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2019 AMLER grant. All four projects received preliminary approval from OSMRE and are currently active. Located in three counties in central Alabama (*Figure 31*), the four active FY 2019 AMLER projects include one infrastructure project, one production/commercial project, and two point-of-interest/tourism projects. The projected combined benefits for these projects are: 16 direct jobs created/retained (with more expected as development is completed), 626,414 visitors attracted to points of interest (with more expected as development is completed), and 15 acres of land reclaimed. Other benefits include a public wireless internet access that will have an estimated 60,000 annual logins. The four active AMLER projects are expected to leverage an estimated additional \$0.20 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Alabama Department of Labor](#).

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Connected Jasper

Status: Preliminary OSMRE approval (8/27/20) - OSMRE final approval ATP issued (7/22/22)

Location: Walker County, Alabama

Requested AMLER Funding: \$1.64 million

Additional Funding: \$1.676 million from project partners (including \$1.64 million from Alabama Power and \$360,000 from local sources).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Alabama Power, The City of Jasper, and Tengo Internet



Locations to be served by the Connected Jasper Project

This project will add 73 wireless access points in Jasper, Alabama that will provide the public with free high-speed Internet. The wireless access points will be installed in strategic locations including the entertainment district, four Jasper Housing Authorities, two schools, and a park. The network will have the capacity to connect up to 300 devices at 16 Mbps and speeds up to 90 Mbps with 50 devices connected. With users logging in at various times, the network would not be limited to 300 devices per day and has a target of 60,000 annual logins. Other benefits for the project include e-learning accessibility, online health related services availability, an increase in housing value, and retail and industrial growth.

Eagle Cove Marina

Status: Preliminary OSMRE approval (10/19/22)

Location: Tuscaloosa County, Alabama

Requested AMLER Funding: \$3.896 million

Additional Funding: \$20,000 from AML fee-based funds to address physical hazards

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Eagle Cove Marina, Longleaf Engineering LLC, TerraXplorations, Inc., U.S. Army Corp of Engineers, Robert McPherson P.L.S.



Eagle Cove Marina

This project will partially fund the development masterplan for the Eagle Cove Marina. AMLER funds will be used to construct and replace 78 covered boat slips at the marina (slips for boats longer than 30 feet will also have electrical and water service). Other funding will be needed to complete the remaining aspects of the master plan which includes increasing the number of dry storage bays from 38 to 64, expanding a campground, and adding a restaurant, 156 parking spots, access road, landscaping, equipment, internet, fueling station, and other infrastructure. When completed, the marina is estimated to create 12 direct jobs, 25 indirect jobs, and serve 626,414 visitors per year.

Walker County Agriculture Restoration

Status: Preliminary OSMRE approval (9/25/20)

Location: Walker County, Alabama

Requested AMLER Funding: \$600,000

Additional Funding: \$274,556 as in-kind value from the landowner

AML Site Info: Priority 2 unreclaimed

Project Partners: Alabama Cattlemen's Association, Alabama Department of Agriculture, Alabama National Resource Conservation Service, Auburn Extension Service, National Cattlemen's Beef Association, Walker County Chamber of Commerce, and the Walker County Development Authority

This project will reclaim 15 acres of abandoned mine land that will be used as part of an expansion of grazing land for cattle. The 15 acres will be added to 65 adjacent acres, all of which will be cleared of trees and brush, leveled, fenced, reseeded for grazing for a total expansion of 80 acres of grazing area. The cattle farm currently has 210 acres supporting the existing heard and with the increase in grazing area, the landowner plans to expand the heard by 150 head (from 300 to 450). With this increase, 4 more employees will be hired (from 8 to 12) and an additional 10 indirect jobs (from 22 to 32) are also estimated to be created.

West Blocton Theater

Status: Preliminary OSMRE approval (10/19/22)

Location: Bibb County, Alabama

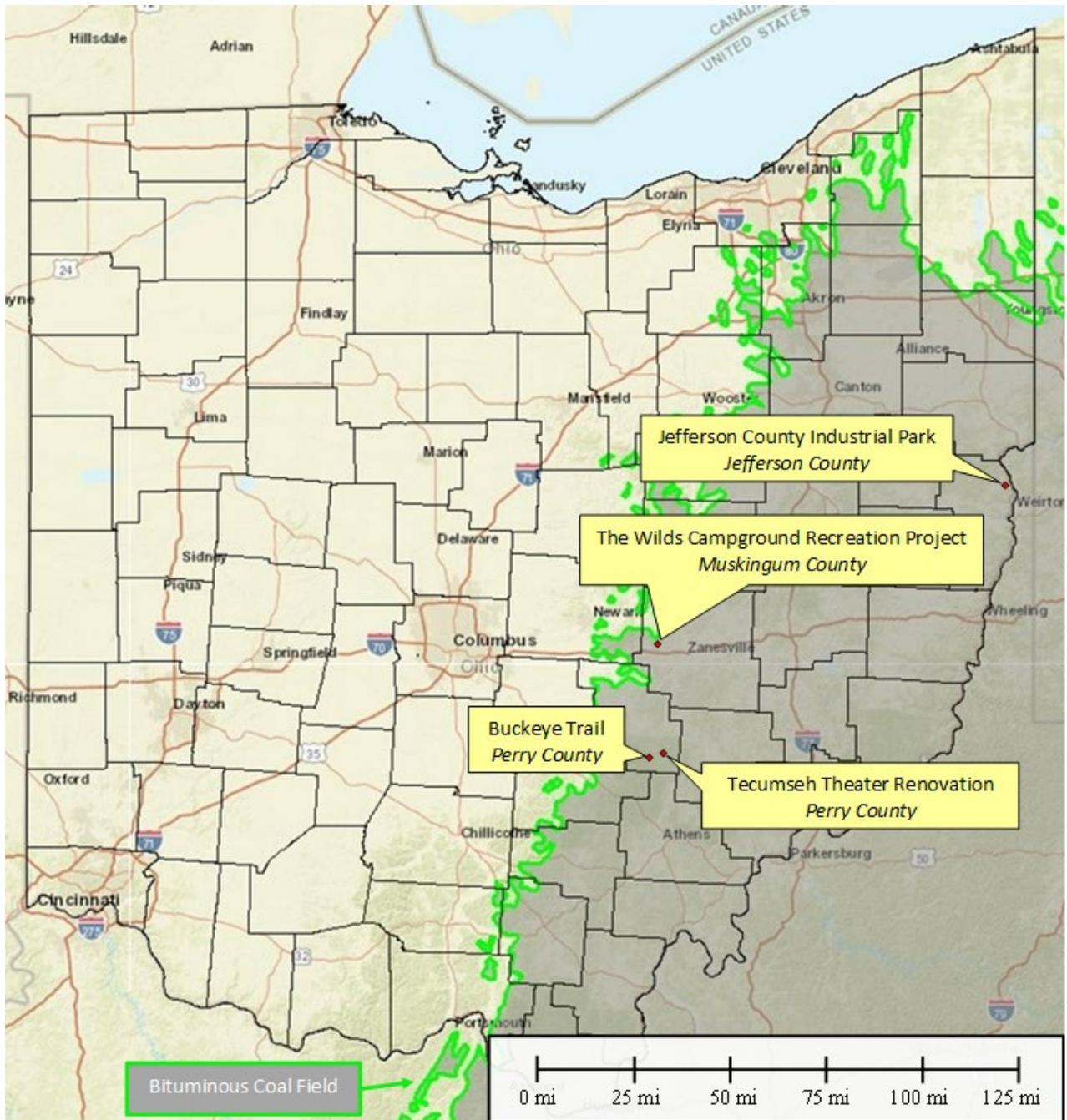
Requested AMLER Funding: \$2.864 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of West Blocton, Cahaba River Authority, Friends of the Cahaba River National Wildlife Refuge, Cahaba Riverkeeper, U.S. Fish and Wildlife Service, West Blocton Improvement Committee, and the Bibb County Commission.

This project will fund the restoration and reopening of the historic West Blocton Theater. The theater will provide a much-needed civic venue and economic boost to the local community. The theater lobby will serve as a welcome center for the Cahaba National Wildlife Refuge and include new exhibits on legacy mining in the area and the history and purpose of the refuge. A marketing program is planned to attract visitors to the area and highlight the theater as the host of the Cahaba Lily Festival which attracts thousands of visitors to the Refuge each May. The renovation will also include professional space including offices for theater personal, visiting U.S. Fish and Wildlife Service staff, and local non-profits (Cahaba Riverkeeper, Cahaba River Authority, and Friends of the Refuge).

**Figure 32: Map of Active Projects in Ohio
Receiving FY 2019 AMLER Funds**



FY 2019 Ohio

As of November 30, 2022, Ohio had selected and submitted a total of four projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2019 AMLER grant. All four projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located in three counties in eastern Ohio (*Figure 32*), the four active FY 2019 AMLER projects include one production/commercial project and three point-of-interest/tourism projects. The projected combined benefits for these projects are: 95 direct jobs created/retained, 31,373 visitors attracted to points of interest (with more expected as development is completed), 20 miles of public trail constructed, and 51 acres of land reclaimed. The four active AMLER projects are expected to leverage an estimated additional \$1.59 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information on the Ohio AML Program can be found through the [Ohio Department of Natural Resources - Division of Mineral Resources](#).

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Tecumseh Theater Renovation

Status: Preliminary OSMRE approval (11/17/21)

Location: Perry County, Ohio

Requested AMLER Funding: \$4.055 million

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Sunday Creek Associates, Ohio Winding Road Network, Shanee Trail Town Network, USDA Rural Business Development, and the Appalachian Regional Commission



Tecumseh Theater

This project will reclaim two AML features and finish renovations to the Tecumseh Theater in Shawnee, Ohio. The first floor was previously renovated as a rental apartment, the town’s library, and public assembly space. AMLER funds are being requested to finish the restoration and return the theater to its full capabilities by restoring the flooring, lightning, walls, ceiling, stage, and balcony. The upper floors will also be restored as additional banquet/meeting space and catering kitchen. Two adjacent areas will be used either as museum/exhibit space or developed as a boutique top floor hotel. Restrooms and storage space will also be built with the construction of an elevator tower providing full handicap access to all floors including the third-floor balcony. With these improvements, the theater will be able to host large events and is estimated draw an estimated 2,000 visitors per month to Shawnee and create an estimated seven jobs with an annual payroll of \$250,000.

Buckeye Trail

Status: Preliminary OSMRE approval (11/17/21)

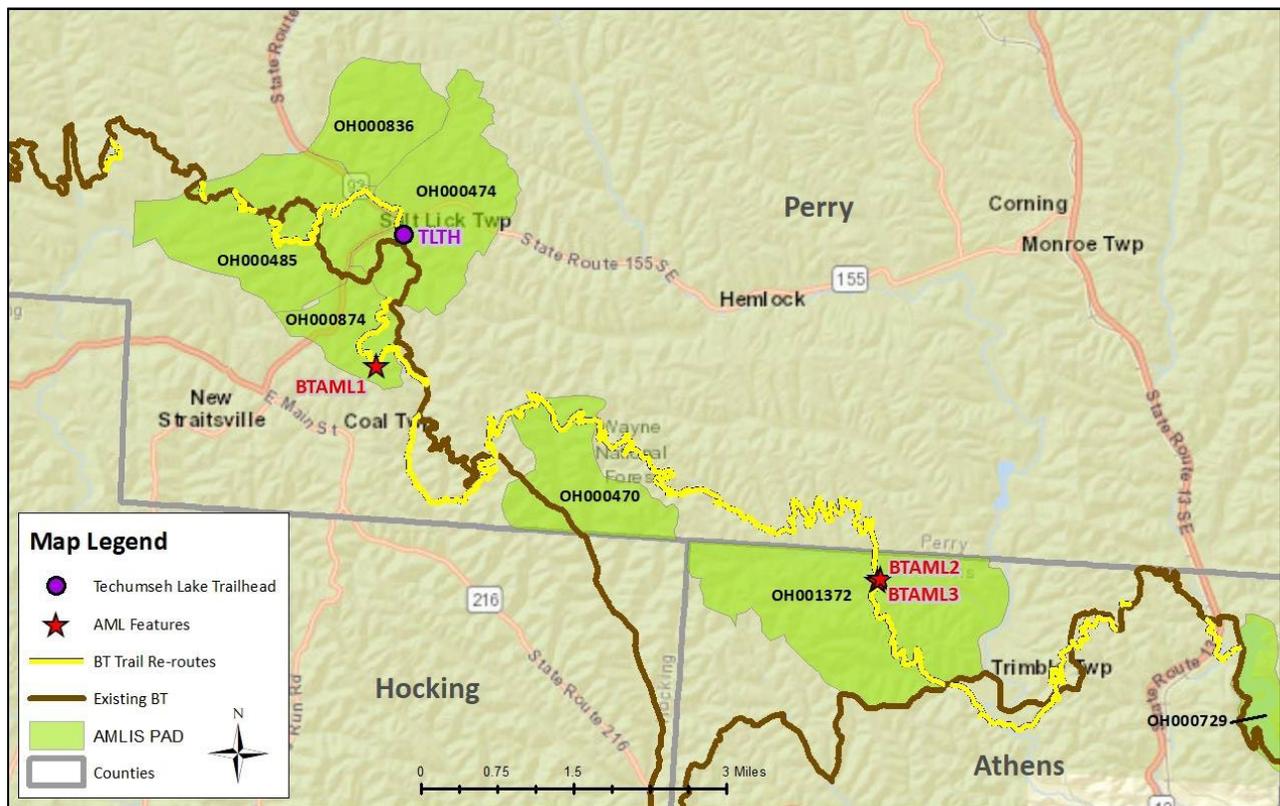
Location: Perry County, Ohio

Requested AMLER Funding: \$2.213 million

Additional Funding: \$145,960 from project partners

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Buckeye Trail Association



Location of Buckeye Trail

This project will construct 20 miles of trails to connect downtown Shawnee, Ohio to the Buckeye Trail (1400+ mile trail) and the Stone Church Hollow Trail (100-mile trail). The 20 miles of trail will be segmented into five sections, one of which will be a paved trail from Shawnee’s historic district to the community park at Tecumseh Lake. The remaining four sections will be natural

surface hiking trails to reroute the Buckeye Trail completely within the Wayne National Forest and remove segments that required walking along roads. The project also involves construction of nine pedestrian bridges (40 - 75 feet each) and reclamation of three AML features (one vertical opening and two open portals). It is estimated that visitation on the trails will increase from 1,340 annual visitors to 8,713 which would result in an increase in economic impact from \$33,146 to \$776,310. It is also estimated that the project will result in the creation of approximately 13 jobs (8 being local) for businesses that support trail visitors.

Jefferson County Industrial Park

Status: Preliminary OSMRE approval (10/15/20) - OSMRE final approval ATP issued (2/11/21) - Construction started (7/14/21)

Location: Jefferson County, Ohio

Requested AMLER Funding: \$250,000

Additional Funding: \$14.75 million is being sought through commercial investments

AML Site Info: Priority 1 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Jefferson County Government and the Jefferson County Port Authority

This project will reclaim 26 acres of spoil material to create a 40-acre developable plot within the Jefferson County Industrial Park. Eight companies (with a total of 120 employees) currently occupy the industrial park which already has roads and utility lines to the edge of each parcel. The new 40-acre plot will provide the opportunity to develop a 100,000 square foot logistics/industrial building. Such a building would be expected to house one to four new businesses that would support the local petrochemical and/or manufacturing industries. When fully utilized, such a building is estimated to create 50 - 100 jobs with an annual payroll of \$2 - \$4 million.

The Wilds Campground Recreation Project - Previously under the FY 2018 AMLER grant

Status: Preliminary OSMRE approval (4/26/18) - OSMRE final approval ATP issued (7/1/22)

Location: Muskingum County, Ohio

Requested AMLER Funding: \$1.004 million

Additional Funding: \$965,000 is being sought through other grant opportunities and a private donor

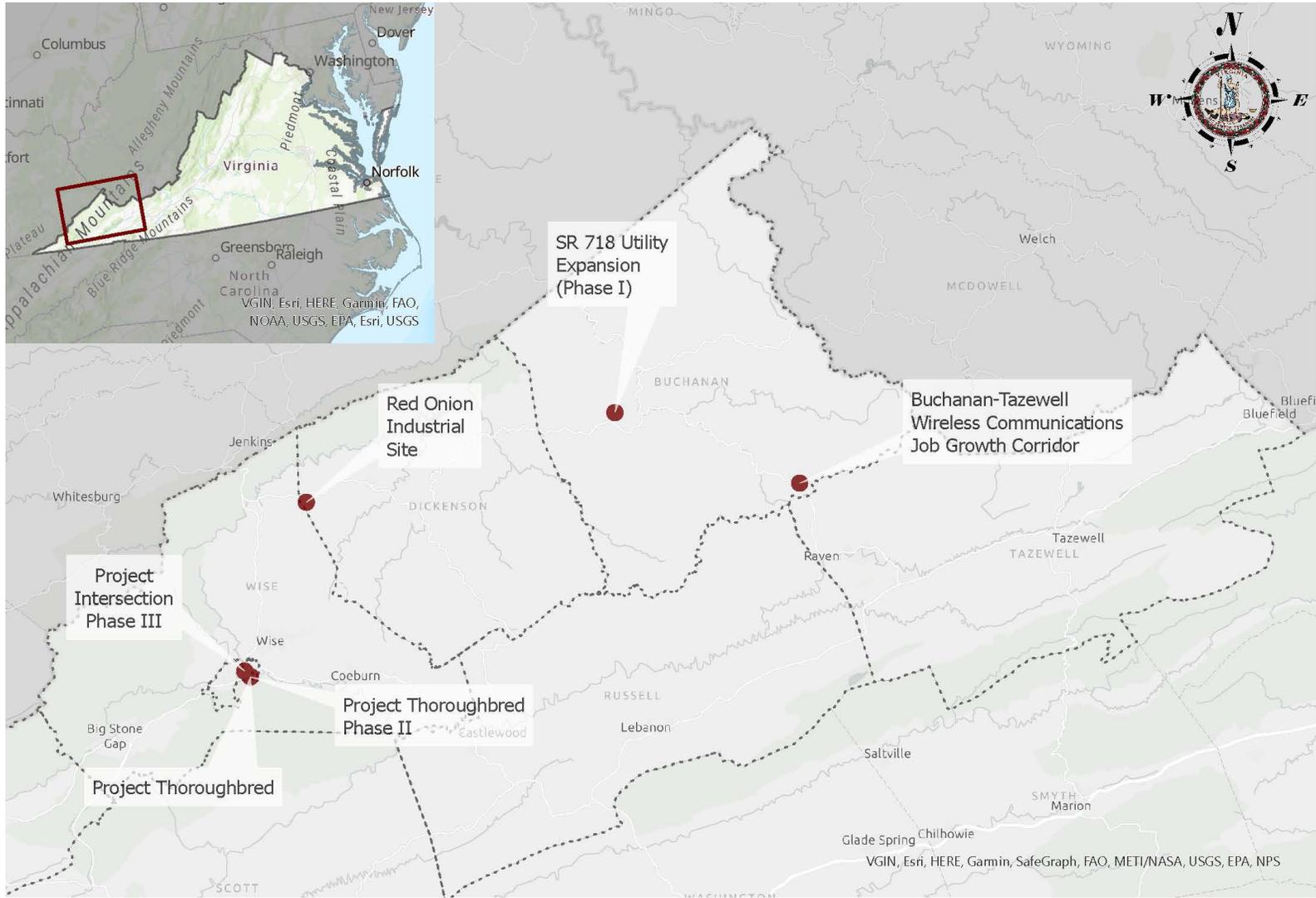
AML Site Info: Priority 1 and Priority 3 unreclaimed

Project Partners: The Wilds

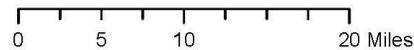
Update: Moved from the FY 2018 AMLER grant to the FY 2019 AMLER grant.

The project will develop 25 acres to include a primary access road to a proposed RV campground, 20 - 30 RV parking pads, roads within the camping area, 30 primitive camp sites with a parking area, and a foot bridge to the campground trailhead. Later phases of this project will install electric and water utilities, road surfaces to the campground, and two cabins. One cabin will serve as housing for the camp host and the other will be available to rent. Upon completion, hiking and biking trails will be connected to access 650 acres of a previously unused area and permitting additional outdoor activities including: fishing, kayaking, wildlife viewing, and photography.

Figure 33: Map of Active Projects in Virginia Receiving FY 2019 AMLER Funds



2019 AMLER PROJECTS



FY 2019 Virginia

As of November 30, 2022, Virginia had selected and submitted a total of seven projects to OSMRE to confirm eligibility of each project using a portion of its FY 2019 AMLER grant. Six of these projects received OSMRE's preliminary approval and Virginia tabled one of the seven projects before OSMRE completed its review. Therefore, six projects are currently active and have been awarded a portion of the \$10 million from the FY 2019 AMLER grant for Virginia.

Located in four counties and one city in western Virginia (*Figure 33*), the six active FY 2019 AMLER projects include two infrastructure projects and four production/commercial projects. The projected combined benefits for these projects are: 642 direct jobs created/retained (with more expected as development is completed), 45.6 acres of land reclaimed, workforce training for 16 students annually, 66,294 linear feet of utility lines constructed, and 146 households improved by new infrastructure (with more expected as development is completed). Additional benefits include construction of six wireless internet towers. The ten active AMLER projects are expected to leverage an estimated additional \$0.35 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through [Virginia Energy](#).

Projects Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Buchanan Tazewell Wireless Communication

Status: Preliminary OSMRE approval (5/17/22)

Location: Buchanan and Tazewell Counties, Virginia

Requested AMLER Funding: \$1 million

Additional Funding: \$1.89 million from project partners (including \$1 million from ARC POWER, \$391,228 from the Virginia Coalfield, Coalition, \$250,000 as in-kind value from the Thomson Foundation, \$249,017 from the Virginia Coalfield Economic Development Authority).

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Virginia Coalfield Coalition, Cumberland Plateau PDC, Cumberland Plateau Company, Buchanan County Board of Supervisors, Buchanan County IDA, Scott County Telephone Cooperative, Point Broadband, Verizon, Blue Ridge Advisory Services, and Advanced Wireless Solutions



Route 460 that would benefit from the Buchanan Tazewell Wireless Communication Project

This project will construct six towers and leverage existing cable and two existing towers to provide wireless internet coverage to 20-miles of Route 460 in Tazewell and Buchanan Counties. AMLER funds would be used for securing site locations, permitting towers, developing access roads (750 linear feet), connecting fiber optic and electric service (5,128 linear feet), and construction of three towers. This project will serve two industrial parks, at least 25 businesses, and approximately 131 households.

Project Intersection (Phase 3)

Status: Preliminary OSMRE approval (6/10/20) - OSMRE final approval ATP issued (11/13/20) - Construction started (8/29/22)

Location: City of Norton, Virginia

Requested AMLER Funding: \$1.417 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Norton Industrial Development Authority

This is the third phase of the Project Intersection AMLER Project that also received FY 2017 and FY 2018 AMLER funds. The first phase of this project involves the purchase of 200 acres, development of an industrial pad (site 1) for a 175,000 square foot building (estimated to create 63 jobs in 3-4 years), grading of two more industrial pads (sites 2 and 3), and removal of a highwall. The second phase will develop the second industrial pad (site 2) for a 100,000 square foot building, grade the main access road, and add 4,000 linear feet of water, sewer, broadband, natural gas, and electric utilities lines to sites 1 and 2. This third phase will add pavement, curbs, guttering, and lighting to the main access road and connect site 2 to site 4 with 2,100 linear feet of access road, water and sewer infrastructure, and erosion/settlement control measures. Additionally, it will start work to establish a site-ready pad at site 4 and complete preliminary site preparations and minor initial grade and road base work on site 3. A potential tenant has expressed interest in pursuing development of site 4.



Project Intersection (Phase 3)

Project Thoroughbred (Phase 1)

Status: Preliminary OSMRE approval (6/10/20) - OSMRE final approval ATP issued (12/16/21)

Location: Wise County, Virginia

Requested AMLER Funding: \$2 million

Additional Funding: \$500,000 from the Virginia Tobacco Region Revitalization Commission

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Lonesome Pine Regional Industrial Facilities Authority and the Virginia Tobacco Region Revitalization Commission

This project will redevelop an abandoned coal loadout facility into a grain processing, storage, and distribution terminal. This project involves the acquisition of 17 acres with AMLER funds, environmental work, site work, building construction, setup, and equipment placement. The goal for this facility is to create a centralized grain terminal in Southwestern Virginia that will provide a market for local farmers and the growing demand for barley. Once operational, two full time terminal operation jobs will be created, and by its fifth year of operation, the facility is projected to process grain from 20 farmers with an estimated value of \$550,000 in annual revenue. It could also serve as a catalyst for generating economic activity in the upstream agriculture base and the downstream craft beverage industry which are estimated to create more than 50 full time jobs.

Project Thoroughbred (Phase 2)

Status: Preliminary OSMRE approval (1/25/22)

Location: Wise County, Virginia

Requested AMLER Funding: \$500,000

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Lonesome Pine Regional Industrial Authority, Mt. Empire Community College, Norton Industrial Development Authority, and Invest SWVA.

This project completes the work from the first phase also funded by the FY 2019 AMLER Program to repurpose an abandoned coal loadout facility as a grain processing, storage, and distribution facility. This second phase will complete the construction of the facility and integrate its operation into a training program (four courses, two in each semester) at the Center of Workforce and Innovation of Appalachia in partnership with Mt. Empire Community College's SMART Farming program. An estimated eight students will participate in each course per semester (16 in total).

Red Onion Industrial Site

Status: Preliminary OSMRE approval (9/21/20) - OSMRE final approval ATP issued (8/1/22)

Location: Dickenson County, Virginia

Requested AMLER Funding: \$869,584

Additional Funding: \$1.117 million from the Virginia Coalfield Economic Development Authority

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Dickenson County Industrial Development Authority and Point Broadband



Red Onion Industrial Site

This project will create three building pads ranging from 4.9 to 14.4 acres each (28.6 acres in total) within the Red Onion Industrial Site (99.4 acres). AMLER funds will be utilized to construct access roads to the building pads (2,200 linear feet), redundant broadband fiber (7.2 miles), and stormwater and erosion/sediment control structures. Excess material resulting from construction activities will be used to remediate part of an on-site AML highwall. Other funds will be used to make the site "build ready" by grading the pads, connecting water and sewer utilities, and providing natural gas service. Once completed, the site is expected to create jobs and will be marketable to a broad range of industries including data centers and renewable energy.

SR 718 Utility Expansion

Status: Preliminary OSMRE approval (1/25/22)

Location: Buchanan County, Virginia

Requested AMLER Funding: \$1.22 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Buchanan County Public Service Authority and the Breaks Regional Airport Authority.

This project will construct 13,300 linear feet of waterline and 4,800 linear feet of telecom conduit along State Route 718 to serve the Breaks Regional Airport. It will also improve service to approximately 15 residences along Airport Road and serve a future 80-acre commercial development. The commercial development could support up to 640 jobs.

Utilizing Hemp as an Economic Diversifier and Stimulus - Tabled by Virginia

Status: Tabled by Virginia in 2021

Location: Russell County, Virginia

Requested AMLER Funding: N/A - Originally requested \$1.5 million

Additional Funding: N/A

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Clinch River Hemp Company

This project was tabled by Virginia before the OSMRE preliminary review was completed. The project application had proposed to reclaim 65 acres (including 5,000 linear feet of highwall) and repurpose 50 of those acres for agricultural use. The 50 acres would have been planted with 250,000 hemp plants that would be harvested for CBD oil extraction. This project was estimated to also support 15 – 20 employees at the greenhouse and oil recovery processing plant.

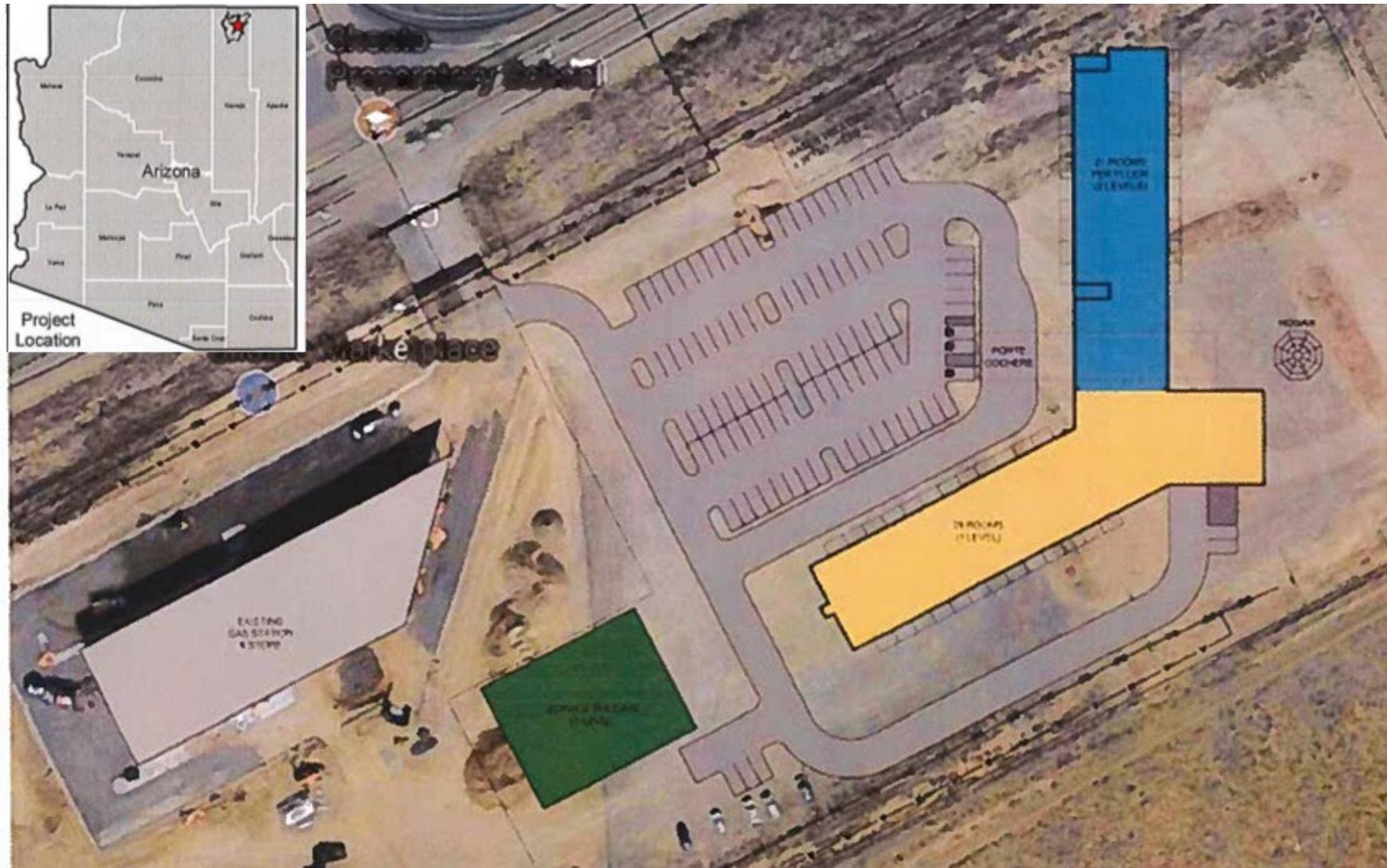
FY 2019 Crow Tribe

As of November 30, 2022, the Crow Tribe has not submitted FY 2019 AMLER project applications to OSMRE for preliminary approval review.

FY 2019 Hopi Tribe

As of November 30, 2022, the Hopi Tribe has not submitted FY 2019 AMLER project applications to OSMRE for preliminary approval review.

Figure 34: Map of the Navajo Nation's Active Project Receiving FY 2019 AMLER Funds



FY 2019 Navajo Nation

As of November 30, 2022, the Navajo Nation had selected and submitted one project to OSMRE to confirm the project's eligibility using its \$3.33 million FY 2019 AMLER grant. The project has received preliminary approval from OSMRE and is currently active. Located in Shonto within the Navajo Nation, (*Figure 34*), the active FY 2019 AMLER project is a point-of-interest/tourism project that will create long-term economic benefits in the local community in terms of jobs created and visitors attracted. In addition, the AMLER project has the potential to leverage an additional \$1.23 for every \$1 of AMLER funding local economic development funds. Additional information can be found through the [Navajo Abandoned Mine Lands Reclamation Department](#).

Project Submitted to OSMRE PSD Requesting FY 2019 AMLER Funds

Shonto Hotel

Status: Preliminary OSMRE approval (7/9/19) - OSMRE final approval ATP issued (4/25/22)

Location: Shonto, Navajo Nation

Requested AMLER Funding: \$3.333 million

Additional Funding: \$12.3 million from project partners (including \$3 million from Navajo Nation sales tax fund, \$6 million from the Permanent Trust fund, \$2 million from a tax credit, and \$1.3 million from a loan).

AML Site Info: Proximity to communities impacted by loss of mining jobs

Project Partners: Kayenta Township



Rendering of the future Shonto Hotel

This project will build a 70-room hotel along a corridor to tourist destinations like the Grand Canyon, Lake Powell, and Monument Valley. The hotel location has an average daily traffic of 3,254. Construction would create 300 temporary jobs and the hotel would support 50 - 65 long term jobs when completed. AMLER funds would be used for the HVAC, electrical, and plumbing of the hotel.



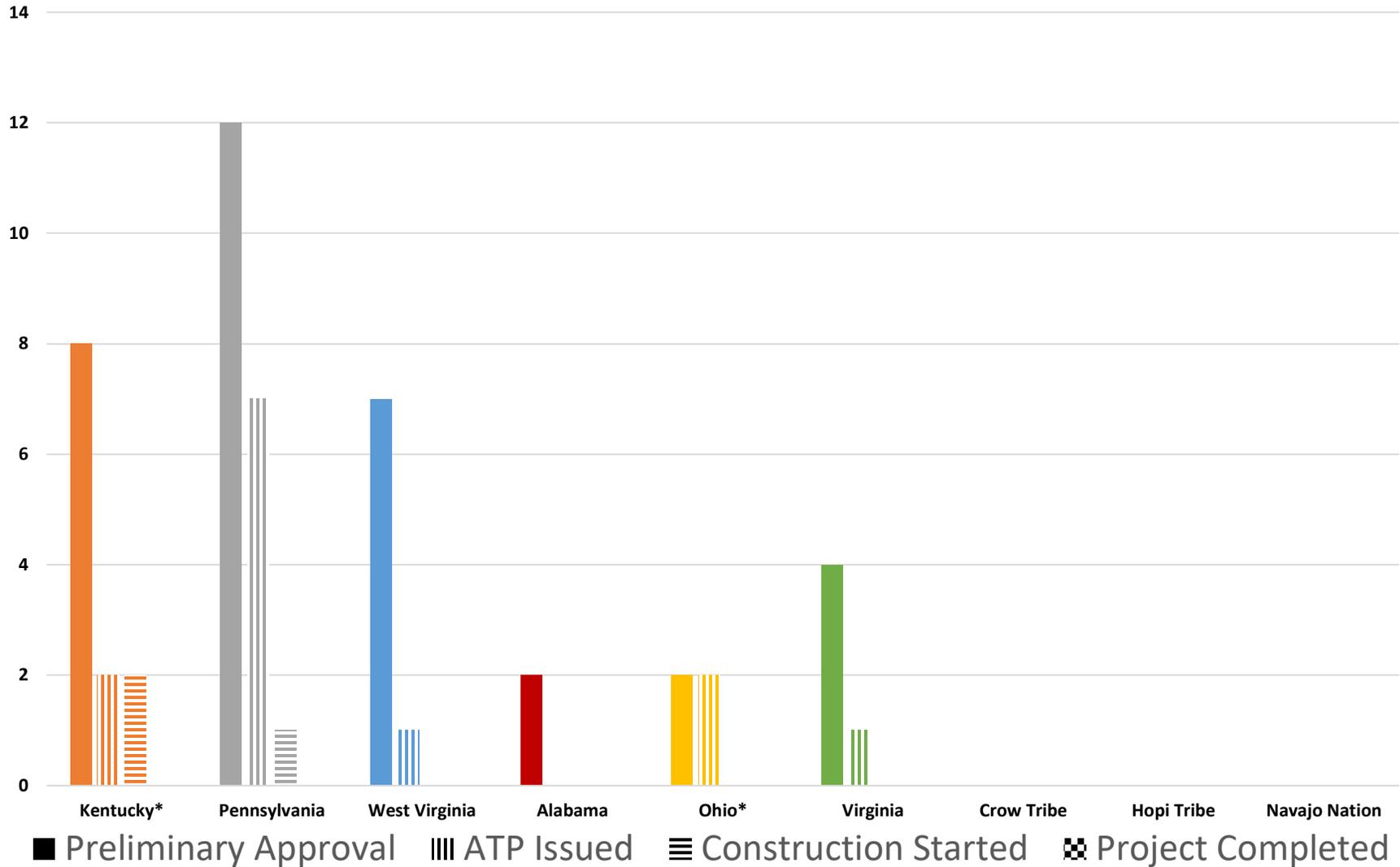
Construction of the Shonto Hotel with Partner Funds

VIII. Implementation of the FY 2020 AMLER Program

OSMRE notified eligible states and Tribes on February 14, 2020, that their FY 2020 AMLER funding was available, and they could prepare grant applications. As of November 30, 2022, OSMRE has awarded FY 2020 AMLER grants to Kentucky, Pennsylvania, and West Virginia (\$25 million each), and Alabama, Ohio, and Virginia (\$10 million each). OSMRE is working with the Crow Tribe, Hopi Tribe, and Navajo Nation to submit a FY 2020 AMLER grant applications.

OSMRE released the *FY 2020 AML Pilot Guidance Document* in September 2020 which included minor adjustments from the previous year to assist states and Tribes in their selection of projects. Updates for FY 2020 included clarification that OSMRE anticipates that an environmental assessment would be required for AMLER projects during the NEPA process as there are no categorical exclusions that would apply to the economic/community development aspects of the projects. The guidance document also outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria.

Figure 35: Status of FY 2020 AMLER Projects



*Two active projects under OSMRE PSD review are not captured in this figure. One project is in Kentucky and the other is in Ohio.

FY 2020 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of nine projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2020 AMLER grant. All nine projects are currently active with eight of the projects having received OSMRE preliminary approval and one project under OSMRE review as of November 30, 2022. Located across nine counties in eastern Kentucky (*Figure 36*), the nine active FY 2020 AMLER projects include four infrastructure projects, four production/commercial projects, and one point-of-interest/tourism project. The projected combined benefits for these projects are: 857 direct jobs created/retained, 1,000 visitors attracted to points of interest, 5.8 acres of land reclaimed, workforce training for 22 students annually, 60,080 linear feet of utility lines constructed, and 2,447 households improved by new infrastructure (with more expected as development is completed). The nine active AMLER projects are expected to leverage an estimated additional \$0.57 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Buckhorn Water Treatment Plant (WTP) & 15-7 Interconnect

Status: Preliminary OSMRE approval (4/15/21)

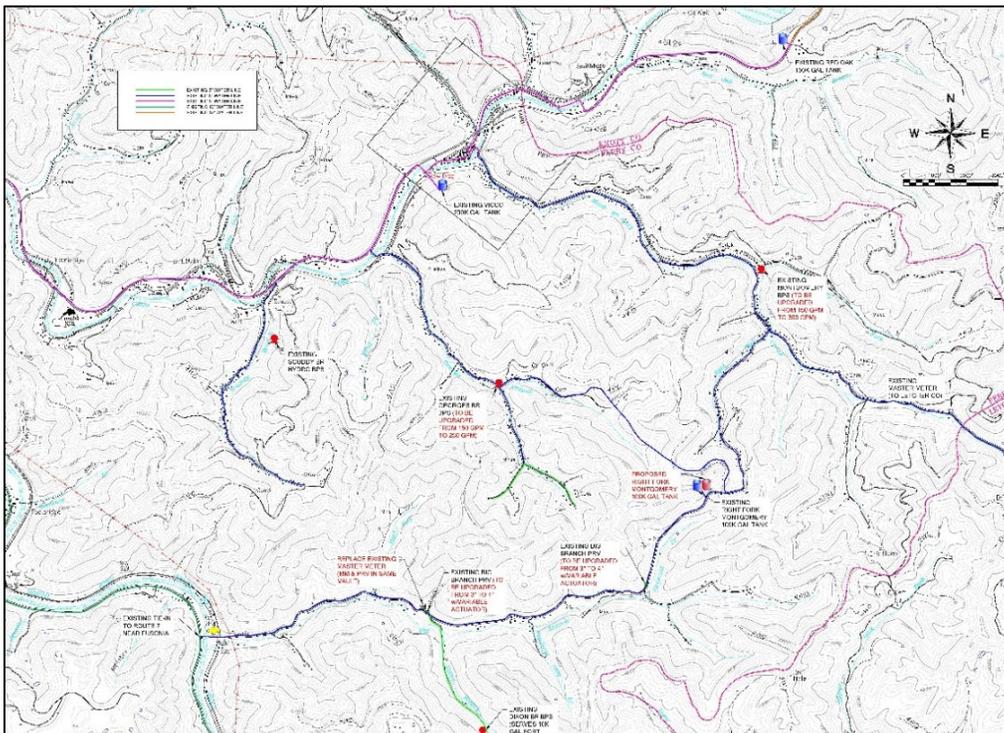
Location: Perry and Knott Counties, Kentucky

Requested AMLER Funding: \$3.5 million

Additional Funding: \$7.893 million from project partners (including \$5 million from the EDA, \$2 million from a Community Development Block Grant (CDBG), and \$893,200 from ARC).

AML Site Info: Priority 3 unreclaimed

Project Partners: Village of Buckhorn, the City of Hazard, and the Perry County Fiscal Court



Big Branch Option Plan for the Buckhorn WTP & 15-7 Interconnect Project

This project will expand the water supply and improve water quality in Perry and Knott Counties, Kentucky. Work will include the construction of a 109,000-gallon water storage tank and upgrades to two booster pump stations, two pressure reducing valves, and the existing master meter. These improvements will create an interconnection between the Perry County and the City of Hazard water systems and provide a back-up water supply to 1,323 homes, two schools, and several businesses. FY 2020 AMLER funds will also cover design and initial construction costs for improvements to the water treatment plant (WTP) in Buckhorn, KY (processes 2 million gallons per day). It is anticipated that future AMLER funds will be requested to complete the upgrades to the WTP and will include the addition of an intake structure, redundant filtration, laboratory, administrative offices, disinfection equipment, and high service pumps.

BPM Lumber

Status: Under review for OSMRE's preliminary approval as of November 30, 2022

Location: Laurel County, Kentucky

Requested AMLER Funding: \$3.65 million

AML Site Info: Priority 2 unreclaimed and previously reclaimed

Project Partners: Eastern Kentucky PRIDE, Inc. and BPM Lumber

This project will expand operations of the BPM Lumber Company with the purchase and installation of an optimized merchandising system. The new system will allow BPM to scan planks for knots, defects, width, and length to determine the proper cutting solution to achieve the highest value with products (such as flooring blanks, molding blanks and bourbon barrel staves). The system consists of three lumber grading stations, 3D high-density scanner, end trimmer, rip saw, planer, defecting chop line, and sorting line. Eastern Kentucky PRIDE Inc. will fund a job training initiative that includes two annual courses (four days each) with an annual total of 20-25 attendees. The project will result in the re-employment of 62 employees (in addition to sustaining 123 jobs), produce a more diverse customer base (estimated ten new customers in the first year of operation and 20 additional customers in the second and third years), and create over 600 indirect jobs with an increased need for loggers and secondary manufacturing.

Duvall Valley Area Water System Improvements

Status: Preliminary OSMRE approval (5/22/20)

Location: Clinton County, Kentucky

Requested AMLER Funding: \$3 million

AML Site Info: Priority 3 unreclaimed

Project Partners: City of Albany, Kentucky and the Lake Cumberland Area Development District

This project will construct a 500,000-gallon storage tank and replace 44,480 linear feet of waterline. These upgrades will improve water service to 124 households and five poultry farms. Upgraded water infrastructure would allow these farms to be more productive and would allow expansion of the poultry industry and substantial economic development and job creation in the county.

EastPark Building for Project Jobs

Status: Preliminary OSMRE approval (3/25/21)

Location: Boyd and Greenup Counties, Kentucky

Requested AMLER Funding: \$1.5 million

Additional Funding: \$4.529 million from project partners (including \$2 million from ARC and \$2.529 million from a loan secured by EastPark Industrial Park).

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: *Northeast Kentucky Industrial Development Authority Inc.*

This project will develop a new warehouse and distribution center within the 1,000-acre EastPark Industrial Park. AMLER funds will be used to create a paved 5.6-acre parking lot with space for 394 delivery vehicles, plus a drive area and trailer pad. The ARC grant and loan will fund the construction of the 65,000 square foot warehouse and distribution center that will be rented by a fortune 500 company that plans to invest an additional \$3.5 million and hire 150-200 employees at the facility.



Design Plan for a Warehouse and Distribution Center within the EastPark Industrial Park

Harlan County Business Park Gas Infrastructure

Status: *Preliminary OSMRE approval (3/25/21)*

Location: *Boyd County, Kentucky*

Requested AMLER Funding: *\$1.5 million*

Additional Funding: *\$300,000 from project partners (including \$153,846.15 from the Harlan County Industrial Development Authority (TVA In-Lieu of tax payment match) and \$146,153.85 from the Harlan County Fiscal Court).*

AML Site Info: *Priority 3 unreclaimed*

Project Partners: *Harlan County Industrial Development Authority and the Harlan County Fiscal Court*

This project will install approximately 15,600 linear feet of gas line to service the Harlan County Business Park (formally the Cumberland Industrial Park). The site currently does not offer natural

gas service and has lost potential tenants that required a natural gas line. The new gas line will provide the tenants with 600,000 cubic feet of natural gas per day and a prospective company has expressed interest to utilize the site which would create an estimated 50 jobs within five years. When fully occupied, the site can support over 100 jobs. With gas service, the Harlan County Fiscal Court will be able to increase property taxes by 2% to generate revenue and estimates that \$10 million will be invested into the park by private companies.

King's Daughters Health System Expansion

Status: Preliminary OSMRE approval (3/25/21) - OSMRE final approval ATP issued (11/3/21) - Construction started (11/3/21)

Location: Boyd County, Kentucky

Requested AMLER Funding: \$4 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Ashland Hospital Corporation and King's Daughters Medical Center

This project will purchase healthcare equipment to expand the King's Daughters Health System's (KDHS). The equipment consists of various cardiovascular, surgical, diagnostic medical equipment and associated IT end-user computer hardware. This project will enable KDHS to accommodate and serve the increased patient load resulting from the closure of Our Lady of Bellefonte Hospital's. King's Daughters' patient load is expected to increase by a minimum of 20%, to 840,000 patients annually, and this project will also create at least 250 full-time jobs (over three years).

Lynch Motorsports Welcome Center

Status: Preliminary OSMRE approval (3/25/21)

Location: Harlan County, Kentucky

Requested AMLER Funding: \$400,000

AML Site Info: Priority 1 and Priority 2 previous reclaimed

Project Partners: Backroads of Appalachia, Cumberland Valley Area Development District, Addiction Recovery Care, and Prosper Appalachia



Lynch Motorsports Welcome Center

This project will make improvements to a welcome center that caters to visitors traveling on Kentucky State Route 160 (popular with motorsports enthusiasts and referred to the Dragon Slayer Trail). AMLER funds will be used to purchase 0.17 acres, renovate a 224 square foot welcome center (currently 1,000 annual visitors), construct accessible restrooms, and purchase equipment to photograph drivers along the trail. Improvements will also be made to the parking area and an accessible patio, and a bridge will be constructed to an adjacent campground. The visitor center is expected to create and support six to ten jobs and offer services to visitors of the trail (10,000 annually). Services offered include the sale of professional grade images taken on the trail and to serve as a focal point for increasing tourism for other attractions in the area.

Pikeville Medical Center Cancer Center Expansion

Status: Preliminary OSMRE approval (3/25/21) - OSMRE final approval ATP issued (6/13/22) - Construction started (8/16/22)

Location: Pike County, Kentucky

Requested AMLER Funding: \$4.27 million

AML Site Info: Priority 1 unreclaimed

Project Partners: Pikeville Medical Center, Big Sandy Community and Technical College, City of Pikeville, and the University of Pikeville.

This project will expand Pikeville Medical Center Oncology Practice and Cancer Clinic with new construction and renovation that includes mechanical, electrical, plumbing, fire protection, IT equipment, furniture, medical equipment, signage, and medical supplies. When completed, the expansion will create 37 jobs, retain 152 employees, and double the annual patient capacity to 50,000. Partnering educational organizations estimate the number of nursing students will increase by 110 - 160 annually to support the expansion. Overall, the facility will improve healthcare opportunity for its 50-mile area (450,000 people) and reduce the number of people who have to travel over 100 miles to receive care.

Wheelwright Water System & Plan

Status: Preliminary OSMRE approval (3/25/21)

Location: Floyd County, Kentucky

Requested AMLER Funding: \$2.05 million

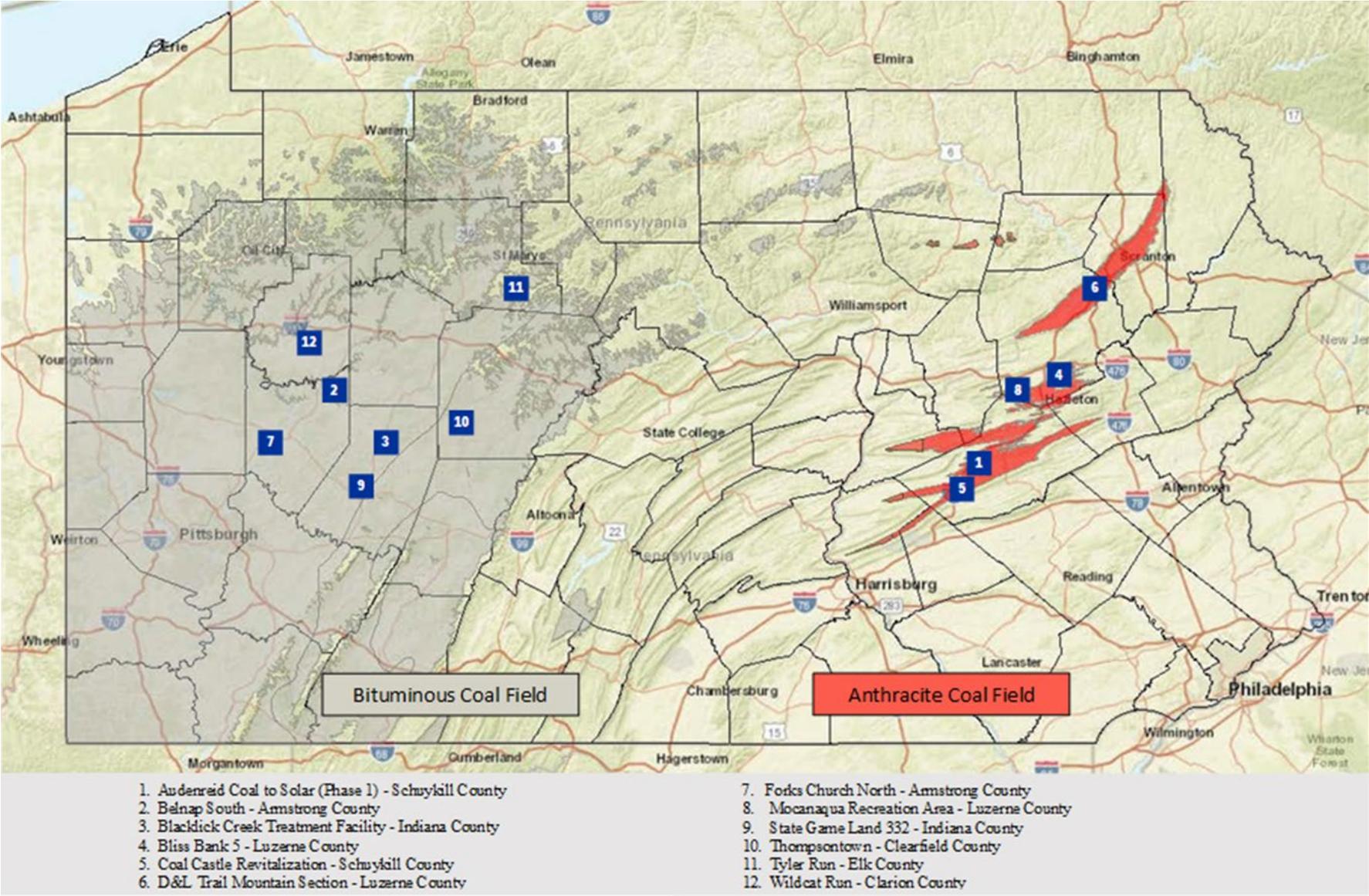
Additional Funding: \$1.518 million from project partners (including \$934,251 from the Local Government Economic Development Fund, \$350,000 from ARC, and \$233,749 from a Kentucky League of Cities Bond).

AML Site Info: Priority 3 unreclaimed

Project Partners: Local Government Economic Development Fund, ARC, and the Kentucky League of Cities

This project will construct a new membrane filtration water treatment plant to replace an aging conventional sand filtration treatment plant built in the 1930s. The new treatment plant will service the town of Wheelwright, KY (1,000 homes and businesses) including the recently reopened Southeast Kentucky Correction Center (formerly the Otter Creek Correctional Facility) (which houses up to 656 prisoners and employs 200 people). The new plant will better remove harmful contaminants from the water with an output of 432,000 gallons per day.

Figure 37: Map of Active Projects in Pennsylvania Receiving FY 2020 AMLER Funds



FY 2020 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of 15 projects to OSMRE to confirm eligibility of each project using a portion of its million FY 2020 AMLER grant. One of those projects did not meet the AMLER eligibility criteria and the applicant was referred to other potential funding sources that better aligned with the project's objective. Of the remaining 14 projects, 12 of these projects received OSMRE's preliminary approval and Pennsylvania tabled 2 of the 14 projects before OSMRE completed its review. Therefore, 12 projects are currently active and have been awarded a portion of the \$25 million from the FY 2020 AMLER grant for Pennsylvania.

Located across seven counties across Pennsylvania (*Figure 37*), the 12 active FY 2020 AMLER projects include four production/commercial projects and eight point-of-interest/tourism projects. The projected combined benefits for these projects are: 717 direct jobs created/retained (with more expected as development is completed), 165,000 visitors attracted to points of interest (with more expected as development is completed), 6 miles of public trail constructed, 420.6 acres of land reclaimed (with more expected as development is completed), 25 miles of stream reclaimed (with more expected as development is completed), 2,400 linear feet of utility lines constructed, and 90 households improved by new infrastructure (with more expected as development is completed). Additional benefits include 5,000 additional trout per year and less fish kills in a trout nursery. The 12 active AMLER projects are expected to leverage an estimated additional \$3.20 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#)

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Audenreid Coal to Solar

Status: Preliminary OSMRE approval (5/6/21) - OSMRE final approval ATP issued (4/26/22)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$3.95 million

Additional Funding: \$66 million from Teichos Energy

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pagnotti Enterprise and Teichos Energy



Hazardous Facilities Being Reclaimed at the Audenreid Coal to Solar Site

This project will reclaim and grade 184 acres in preparation for the construction of a 30.5-megawatt solar photovoltaic facility. Teichos Energy, LLC will use their own funds for the solar system equipment. This project is estimated to create 150-300 temporary construction jobs and 6 - 8 permanent jobs related to operations and maintenance of the solar panels. Future phases will involve additional reclamation, possible water treatment, and installation of more solar panels.

Belnap South

Status: Preliminary OSMRE approval (12/7/21) - OSMRE final approval ATP issued (4/21/22)

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: \$350,000

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Pennsylvania DEP

This project will reclaim a dangerous highwall (1,700 linear feet) and 20 acres of a spoil area. The reclaimed area will be utilized by the landowner to increase hay production on their property by 42% and yield up to three tons per acre. The hay will provide more local feed for the landowner's livestock (and potentially other local farms) and be sold to augment field maintenance costs.

Blacklick Creek Treatment Facility

Status: Preliminary OSMRE approval (6/10/21) - OSMRE final approval ATP issued (11/4/21) - Construction started (6/20/22)

Location: Indiana County, Pennsylvania

Requested AMLER Funding: \$7 million

Additional Funding: \$14 million from Pennsylvania Capital Funds

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Tetra Tech, Bureau of Abandoned Mine Reclamation, Cambria County Conservation and Recreation Authority, and Indiana County



**Construction of Blacklick Creek Treatment Facility
Photo Credit: OSMRE**

This project will construct an acid mine drainage treatment facility on 28 acres that will handle three separate discharges that feed into Blacklick Creek. Once the facility is in operation, it will create several new jobs and treat 7.2 million gallons per day. This will result in 25 miles of clean stream and create viable recreation opportunities including fishing and whitewater kayaking (parking will be created for these activities). The creek is also adjacent to the Ghost Town Trail and visitation is expected to increase for all these activities with the completion of this project.

Bliss Bank 5

Status: Preliminary OSMRE approval (9/2/21)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$2.721 million

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Earth Conservancy

This project is a continuation of projects at the Bliss Bank site (preceded by Bliss Bank 3 and 4 utilizing FY 2017 and FY 2018 AMLER fundings respectively. FY 2020 AMLER funds will be used in this project to reclaim 32.6 acres within a 47.4-acre project area to create a 33.1 acre building pad for industrial development. It is estimated that 700 new job positions are expected when the site is fully developed.

Coal Castle Revitalization

Status: Preliminary OSMRE approval (7/15/21)

Location: Schuylkill County, Pennsylvania

Requested AMLER Funding: \$1.5 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Famous Reading Outdoors, LLC, New Castle Township, and the Reading Anthracite Company

This project will reclaim 56 acres of AML and develop a campground (60 primitive campsites and 60 RV sites) within a 20,000-acre ATV recreation area (that had 170,000 visitors in 2019). Future plans for the site include a welcome center for off-road enthusiasts, the installation of utility mains along the primary access road, an amphitheater with a bandshell, clubhouse/restaurant, and self-storage units. An estimated ten full and part time jobs will be created to run the campground and visitor center. Development of the property is expected to encourage larger crowds to stay in New Castle Township for longer periods, especially during periodic events that attract hundreds of participants at a time.

D&L Trail Mountain Section

Status: Preliminary OSMRE approval (9/2/21) - OSMRE final approval ATP issued (9/23/22)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$941,000

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: North Branch Land Trust, Pennsylvania Department of Conservation and Natural Resources

This project will reclaim an abandoned mine opening and construct a new 3.1-mile rail trail (crushed stone surface and 10-foot wide) in the Pinchot State Forest with a trailhead near Wilkes Barre, PA. This trail will be combined with a 2.9-mile trail currently being constructed that has a trailhead at the Seven Tubs Natural Recreation Area. Together, they will create a standalone trail

totaling 6 miles that will be used for hiking, biking, and geocaching. It is estimated that a total of 165,000 visitors will use the trail annually. Additional AMLER funds may be requested in the future to connect this trail to the 165-mile D & L National Heritage Corridor Trail. This expansion could result in the new businesses (such as restaurants, gas stations, retail stores, and bed and breakfasts) being established to accommodate additional visitors.



Proposed Trail Location for the D&L Trail Mountain Section

Forks Church North

Status: Preliminary OSMRE approval (5/25/21) - OSMRE final approval ATP issued (3/1/22)

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: \$420,000

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Pennsylvania DEP

This project will reclaim approximately seven acres that will expand an existing campground that features two private boat launches along the Allegheny River. The reclaimed area will be repurposed as space for additional campsites and a large green space for campers to use for outdoor recreation. The landowner currently has 90 lease agreements with campers who use the site on a seasonal basis between April 1 and October 31.

Mahoning School - Tabled by Pennsylvania

Status: Tabled by Pennsylvania in 2022

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: N/A - Originally requested \$200,000

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Pennsylvania Department of Environmental Protection

This project was tabled by Pennsylvania before the OSMRE preliminary review was completed. The project had proposed to reclaim a dangerous highwall (30 to 60 feet tall and 1,500 linear feet) and ten acres of spoil material on an active agricultural farm. The reclamation would have added approximately eight acres that would have been utilized for crops and pastureland.

McWilliams West - Tabled by Pennsylvania

Status: Tabled by Pennsylvania in 2022

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: N/A - Originally requested \$400,000

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Pennsylvania Department of Environmental Protection

This project was tabled by Pennsylvania before the OSMRE preliminary review was completed. The project had proposed to reclaim a dangerous highwall (40 to 60 feet tall and 4,500 linear feet) and 15 acres of spoil material on an active dairy farm. The reclamation would have added approximately ten acres that would have been utilized for crops and pastureland. As crop land, corn could be grown for feed and ethanol production, while pastureland could support additional dairy cattle.

Mocanaqua Recreation Area

Status: Preliminary OSMRE approval (9/2/21)

Location: Luzerne County, Pennsylvania

Requested AMLER Funding: \$850,000

AML Site Info: Priority 1, 2, and 3 unreclaimed

Project Partners: Pennsylvania DCNR

This project will reclaim a dangerous highwall (2,400 linear feet), a spoil area, pits, industrial/residential waste, and nine mine openings within the Pinchot State Forest. In addition to reclamation, the project will improve the existing access road (2,400 linear feet) and construct a public access parking lot (capacity of 30 cars/120 people) with security and visitor amenities. Currently, visitors park along a busy highway to access the area's 16 miles of trails that are used for hiking, biking, and camping. This project aims to improve the safety for existing visitors and is expected to increase the number of visitors to this area of the state forest.

Sarah Furnace - Returned incomplete application to Pennsylvania

Status: Returned incomplete application to Pennsylvania (10/14/21)

Location: Clarion County, Pennsylvania

Requested AMLER Funding: N/A - Originally requested \$1.2 million

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Pennsylvania Department of Environmental Protection, Mid-Atlantic Karst Conservancy, and Armstrong Trails

This project was returned to Pennsylvania as incomplete due to inadequate economic/community development documentation. An application for this project may be resubmitted with the required information to seek preliminary approval. The project had proposed to reclaim approximately 50 acres of AML (including (23 acres of spoil, 24 acres of dangerous pile and embankment, 4,300

linear feet of highwall, and 350,000 tons of coal refuse) to improve access to the Sarah Furnace Cave (3.6 miles of surveyed passages and estimated to be 6 – 40 miles long). The cave recorded 188 permitted visits in 2020.

State Game Land 332

Status: Preliminary OSMRE approval (7/15/21) - OSMRE final approval ATP issued (2/16/22)

Location: Indiana County, Pennsylvania

Requested AMLER Funding: \$3.2 million

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: Pennsylvania Game Commission, Aultman Watershed Association for Restoring the Environment (AWARE), and the Wild Turkey Federation

This project will reclaim 79 acres of AML (54 acres of spoil, two highwalls, and AMD treatment) within existing state game lands with the intent to increase hunting recreation opportunity. Specifically, it will have a focus on creating turkey and waterfowl habitat. Overall, the area will be revegetated and combined with an adjacent 21-acres to create/improve approximately 100 acres that will be utilized by hunters with disabilities (ADA compliant). A parking lot will be added (via an existing access road) for public use and to allow handicapped access to the site.

Thompstontown

Status: Preliminary OSMRE approval (11/17/21) - OSMRE final approval ATP issued (2/16/22)

Location: Clearfield County, Pennsylvania

Requested AMLER Funding: \$1 million

AML Site Info: Priority 2 unreclaimed

Project Partners: Pennsylvania DEP and the Thompstontown Cooperative Trout Nursery

This project will reclaim a dangerous pile and embankment along Wilson Run which feeds into the Thompstontown Cooperative Trout Nursery. After rainstorms, the streams often overflow and deposits sediment in the nursery causing fish kills. The nursery currently raises 15,000 - 16,000 fish each year and stocks trout for 11 local youth fishing derbies. Once the site is reclaimed, the nursery will see a drastic reduction in the number of fish kills and will expand to stock an additional 5,000 trout per year (30%). The nursery will also benefit from reduced maintenance costs as the facility currently needs to be cleaned and sanitized several times a year due to the sediment in the stream.

Tyler Run

Status: Preliminary OSMRE approval (6/10/21)

Location: Elk County, Pennsylvania

Requested AMLER Funding: \$476,000

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

Project Partners: Pennsylvania DEP and Pennsylvania DCNR

This project will reclaim ten AML features in the Moshannon State Forest resulting in the addition of 16 acres for outdoor recreation (mostly hunting). The project will also construct two gravel parking areas (combined total of 12 spaces) to promote visitor access. Use of an AML pit at the site as a trash dumping ground is expected to cease with this reclamation and a trail feasibility study can be conducted to see where and if trails could be added to the area for public use. The State Forest currently provides many outdoor recreation opportunities including 244 miles of trails for mountain biking, horseback riding and hiking; sightseeing on scenic vistas and wildlife viewing; camping;

hunting; fishing; 56 miles of cross-country skiing; and 200 miles trails for snowmobiling. The number of visitors has been rising at State Parks and this project is expected to continue that trend.

Wildcat Run

Status: Preliminary OSMRE approval (9/2/21)

Location: Clarion County, Pennsylvania

Requested AMLER Funding: \$571,000

AML Site Info: Priority 2 and 3 unreclaimed

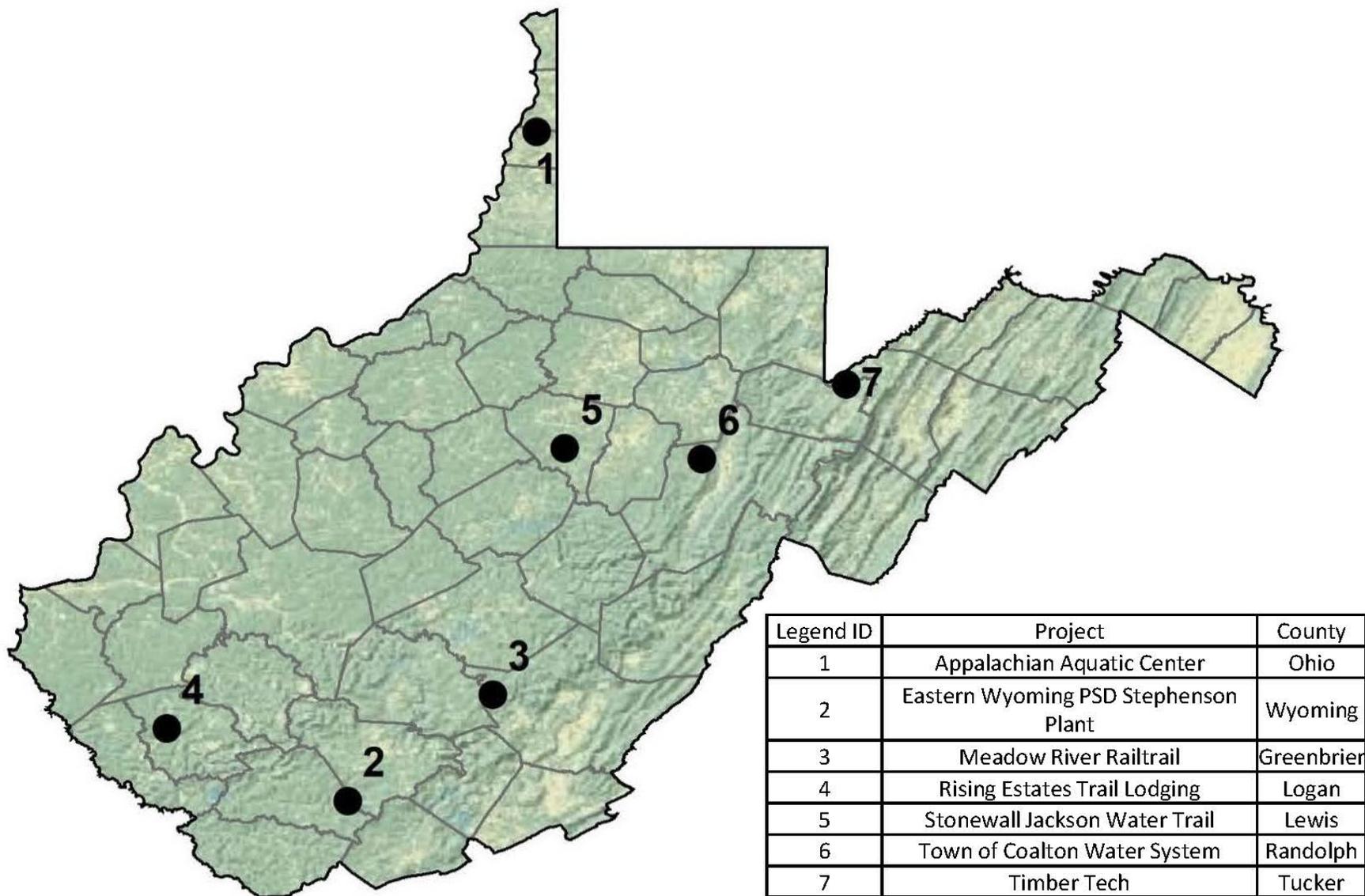
Project Partners: Pennsylvania DEP and the Redbank Valley Trails Association

This project will reclaim 26 acres (including a dangerous highwall, associated spoil area, dangerous pile and embankment, and water impoundment) adjacent to a rail trail. The trail is maintained by the Redbank Valley Trails Association who also tracks the number of visitors. In addition to reclamation, the project will also create a large green space that can be used as a recreational area, picnic area, and primitive campsite for the rail trail users. An existing gravel parking lot will be improved and regraded to make it ADA accessible. These improvements are expected to increase the recreational activities along the trail and increase business and tourism in Rimersburg, PA.



Wildcat Run

Figure 38: Map of Active Projects in West Virginia Receiving FY 2020 AMLER Funds



FY 2020 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of seven projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2020 AMLER grant. All seven projects received preliminary approval from OSMRE and are currently active. Located across eight counties across West Virginia (*Figure 38*), the seven active FY 2020 AMLER projects include one professional training/education project, two infrastructure projects, and four point-of-interest/tourism projects. The projected combined benefits for these projects are: 305 direct jobs created/retained, 250,160 visitors attracted to points of interest, 26.5 miles of public trail constructed, workforce training for 200 students annually, 66,800 linear feet of utility lines constructed, and 1,971 households improved by new infrastructure. The seven active AMLER projects are expected to leverage an estimated additional \$0.68 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Timber Tech

Status: Preliminary OSMRE approval (9/1/22)

Location: Tucker County, West Virginia

Requested AMLER Funding: \$12.5 million

Additional Funding: \$6.789 million as in-kind value from Western Pocahontas Properties Limited Partnership

AML Site Info: Priority 3 unreclaimed

Project Partners: SWCA Environmental Consultants and Western Pocahontas Properties Limited Partnership



Proposed Layout of Timber Tech

This project is kicking off the creation of a 181.8-acre housing development that will help reduce the local housing shortage. AMLER funds will be used to reclaim the site, and construct a water tank (30,000 gallons), waterline (2,800 linear feet), sewer line (14,000 linear feet), paved road (6,850 linear feet), gravel road (3,200 linear feet), broadband internet, electric line, and gas line. This infrastructure will supply attainable housing that will be developed with private funding (initial plans to construct 29 cabins potentially serving 230 clients). The development is expected to lessen lodging pressure on the state park system and increase the generation of property taxes and consumption of local goods and services. To support potential future commercial projects (medical facility and Hyperloop certification facility) the development could expand (to 507.32 acres) and add a STEM school, EMS facility, additional housing, and community commercial center.

Appalachian Aquatic Center at West Liberty University

Status: Preliminary OSMRE approval (9/21/20) - OSMRE final approval ATP issued (3/8/22)

Location: Ohio County, West Virginia

Requested AMLER Funding: \$1.5 million

Additional Funding: \$95,000 as in-kind value from West Liberty University

AML Site Info: Priority 2 unreclaimed

Project Partners: West Liberty University, WV DEP, WV DNR, and USFWS

This project will construct the Appalachian Aquatic Conservation Center (AAQC) at West Liberty University. The AAQC will serve as a conservation center used for research and propagation of threatened and endangered aquatic species (crayfish, mussels, salamanders, and fish). It will also function as a holding facility for imperiled species displaced by spills, construction, and natural disasters with the goal of developing techniques needed to restore imperiled species. When completed, the AAQC will provide education opportunity to 100 - 300 college students annually, tours for over 1,000 individuals annually, a conference room for local watershed groups, and increase students (25 - 50) annually recruited for bio programs.

Eastern Wyoming PSD Stephenson Water Plant

Status: Preliminary OSMRE approval (6/10/21)

Location: Wyoming County, West Virginia

Requested AMLER Funding: \$2.2 million

Additional Funding: \$6.311 million from project partners (including \$3.235 million from AML fee-based funds to address physical hazards and \$3.076 million from a West Virginia Infrastructure and Jobs Development Council loan).

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Wyoming County Commission, Region 1 Planning and Development Council, WVDEP Office of Abandoned Mine Land Reclamation, West Virginia Infrastructure and Jobs Development Council

This project will upgrade the Eastern Wyoming Public Service Distract (PSD) water treatment plant with full water treatment processes including sedimentation, flocculation, and filtration. A second water source from the Guyandotte River will also be added. The improved water plant will have a rated capacity of 1,400 gallons per minute, will allow for continued service to 1,632 customers, provide a secondary water source for disaster resiliency, and increase capacity to support the completion of the Mullens Interchange and tourism of the Hatfield and McCoy Tail System.

Meadow River Rail Trail

Status: Preliminary OSMRE approval (6/10/21)

Location: Greenbrier and Fayette Counties, West Virginia

Requested AMLER Funding: \$1.85 million

Additional Funding: \$2.57 million from project partners (including \$2.55 million from DOT and FEMA and \$20,000 from Greenbrier County Commission as in-kind value for environmental document preparation).

AML Site Info: Priority 2 previously reclaimed

Project Partner: Greenbrier County Commission, Fayette County Commission, WV Division of Highways, Meadow River Valley Association, Greenbrier West High School, and the Mountain State Trail Alliance

This project will add 6.4 miles to the Meadow River Rail Trail with signage to identify historic sites near Rainelle, WV. Additional funds will be used to repair the existing 16.7 miles of trail and replace a bridge that was damaged in a flood. Totalling 23.1 miles when completed, the trail will provide recreational opportunities (hiking, biking, horseback riding, and whitewater kayaking via access to the Meadow River) to residents and visitors to the community. An estimated 200,000 trail users are anticipated annually, and the trail is expected to serve as an economic driver for supplemental services (dining, lodging, rentals, guides, transportation).



Previous construction of the Meadow River Rail Trail

Rising Estates Trail Lodging

Status: Preliminary OSMRE approval (5/6/21)

Location: Logan County, West Virginia

Requested AMLER Funding: \$1.995 million

Additional Funding: \$2.15 million from Rising Estates LLC

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

Project Partners: Rising Estates LLC and the Hatfield McCoy Regional Recreation Authority

This project will construct 20 new cabins (over 1,200 square feet each) and associated infrastructure that will serve as lodging for users of the Hatfield-McCoy Trail System. The cabins will form a new resort that would offer service the trail system's 55,258 annual visitors. The cabins will vary in accommodations and also serve visitors to the Guyandotte River (Kayaking and Fishing) and families traveling with trail users. Infrastructure to service the cabins will include 11,000 linear feet of gravel road and 9,200 linear feet of water, sewer, electric, and internet lines. The resort expects 4,160 visitors annually which would generate over \$600,000 in revenue for the local economy and \$100,000 in trail permits per year. Future expansion of the resort could include an additional 11 cabins.

Stonewall Resort Historic Water Trail

Status: Preliminary OSMRE approval (5/25/21)

Location: Lewis County, West Virginia

Requested AMLER Funding: \$1.63 million

Additional Funding: \$901,718 from Stonewall Resort

AML Site Info: Priority 2 unreclaimed

Project Partners: Stonewall Resort, Stonewall State Park Foundation, West Virginia Division of Natural Resources, U.S. Army Corp of Engineers

This project will create a historic water trail and make improvements to the Stonewall Resort and State Park. The water trail (3.4 miles) will include a kayak boat launch and provide visitors information on the region's historic, natural, social, and cultural features via signage, maps, and an app. Improvements to the resort and state park include a camping area (with ten platforms), parking lot (for 30 vehicles), bike trail (1.5 miles), renovated locker rooms and pools for the Roanoke Community and Event Center, and 2,000 linear feet of access road and utility lines (electric and water). Plans for future development include additional improvements to the community center (26 RV hook-ups, six camping platforms, a bathhouse, a boat launch, a restaurant expansion, an amphitheater, eight yurts, and 500 linear feet of paved trail). The project is estimated to create 40 - 50 temporary construction jobs, stabilize 275 existing jobs, and create 30 new jobs. The state park currently has approximately 160,000 annual visitors which is expected to increase by 45,000 with these improvements (including 7,200 for the campground).

Town of Coalton Waterline

Status: Preliminary OSMRE approval (5/6/21)

Location: Randolph County, West Virginia

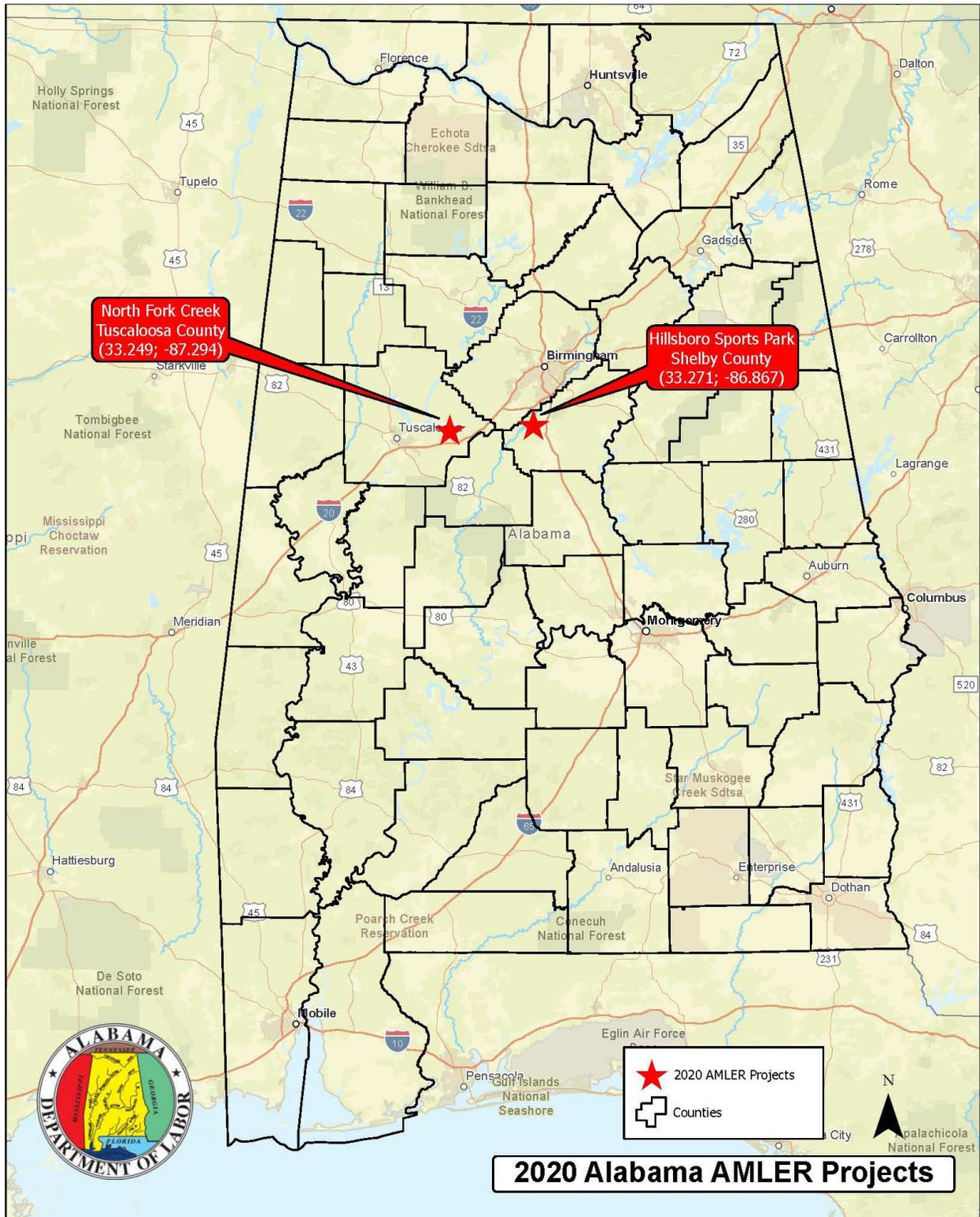
Requested AMLER Funding: \$3.325 million

AML Site Info: Priority 2 previously reclaimed

Project Partners: Town of Coalton and Civil & Environmental Consultants, Inc.

This project will improve the water quality in Coalton, West Virginia by replacing the current water treatment plant and distribution system. The current system suffers from water quality issues as high concentrations of iron and manganese in the ground water have deteriorated the water treatment plant's capabilities. AMLER funds will be used to drill a new well, replace 19,750 linear feet of waterline, and replace the existing water treatment plant. Construction work is estimated to require an equivalent of 22 jobs lasting six to nine months. The new system will provide a reliable source of potable water to the town's 109 households/250 residents and elementary school (320 students). With these improvements the town also hopes to attract future development.

**Figure 39: Map of Active Projects in Alabama
Receiving FY 2020 AMLER Funds**



FY 2020 Alabama

As of November 30, 2022, Alabama had selected and submitted a total of two projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2020 AMLER grant. Both projects received preliminary approval from OSMRE and are currently active. Located in two counties in central Alabama (*Figure 39*), the two active FY 2020 AMLER projects include one multi-purpose project and one point-of-interest/tourism project. The projected combined benefits for these projects are: 117 acres of land reclaimed. Jobs will also be created, and visitors will be attracted to points of interest, however specific estimates are not available yet, but will be provided as development is completed. The two active AMLER projects are expected to leverage an estimated additional \$0.57 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [Alabama Department of Labor](#).

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Hillsboro Sports Park (Phase 2)

Status: Preliminary OSMRE approval (10/19/22)

Location: Shelby County, Alabama

Requested AMLER Funding: \$5 million

Additional Funding: \$5.73 million from project partners (including \$4.58 million from the city of Helena and \$1.15 million from U.S. Steel).

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: U.S. Steel Corporation and the City of Helena



Proposed Design for the Hillsboro Sports Park (Phase 2)

This project will develop 50-acres (part of the Hillsboro Community that received FY 17 AMLER funds) into a recreational area with athletic fields. The sports park will include a full-size field for soccer, football, and lacrosse in addition to three youth soccer fields and three youth baseball/softball fields. The park will also include a trail system through the property that will tie into the existing Hillsboro Trail that connects with the Hillsboro Town Center. When fully developed, the site will also include parking, a playground, and concession stand. The park will serve the local community (126,582 within a 20-minute drive) and allow the city to host sports tournaments to bring new visitors to the area.

North Fork Creek

Status: Preliminary OSMRE approval (1/24/22)

Location: Tuscaloosa County, Alabama

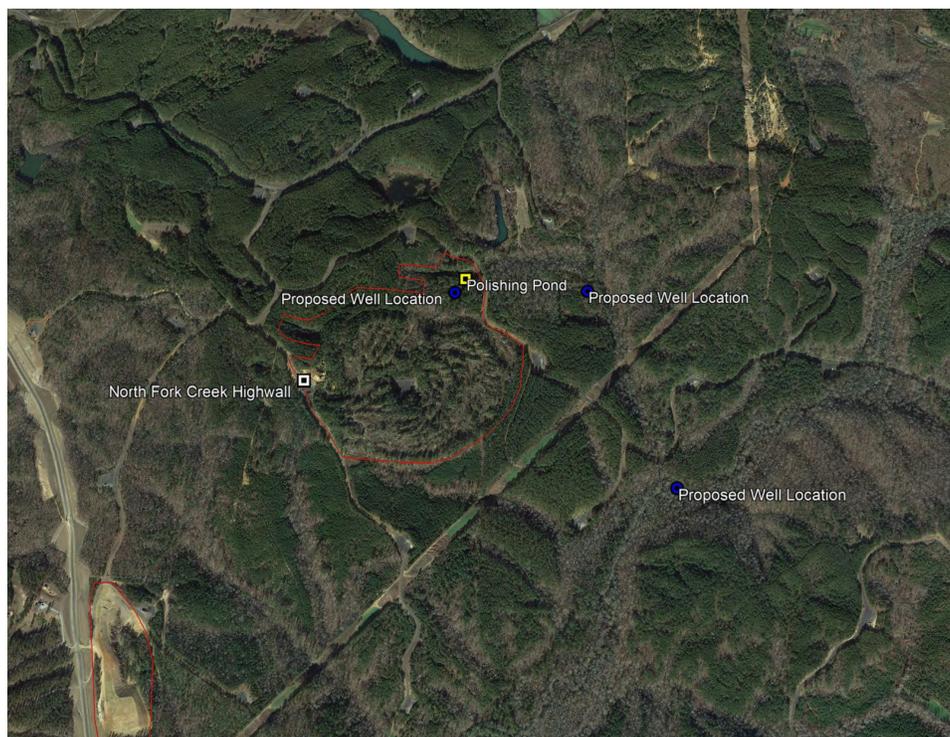
Requested AMLER Funding: \$3.427 million

Additional Funding: \$107,080 from project partners (including \$43,143 of in-kind value from the Geological Society of Alabama and \$63,937 from the city of Tuscaloosa).

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

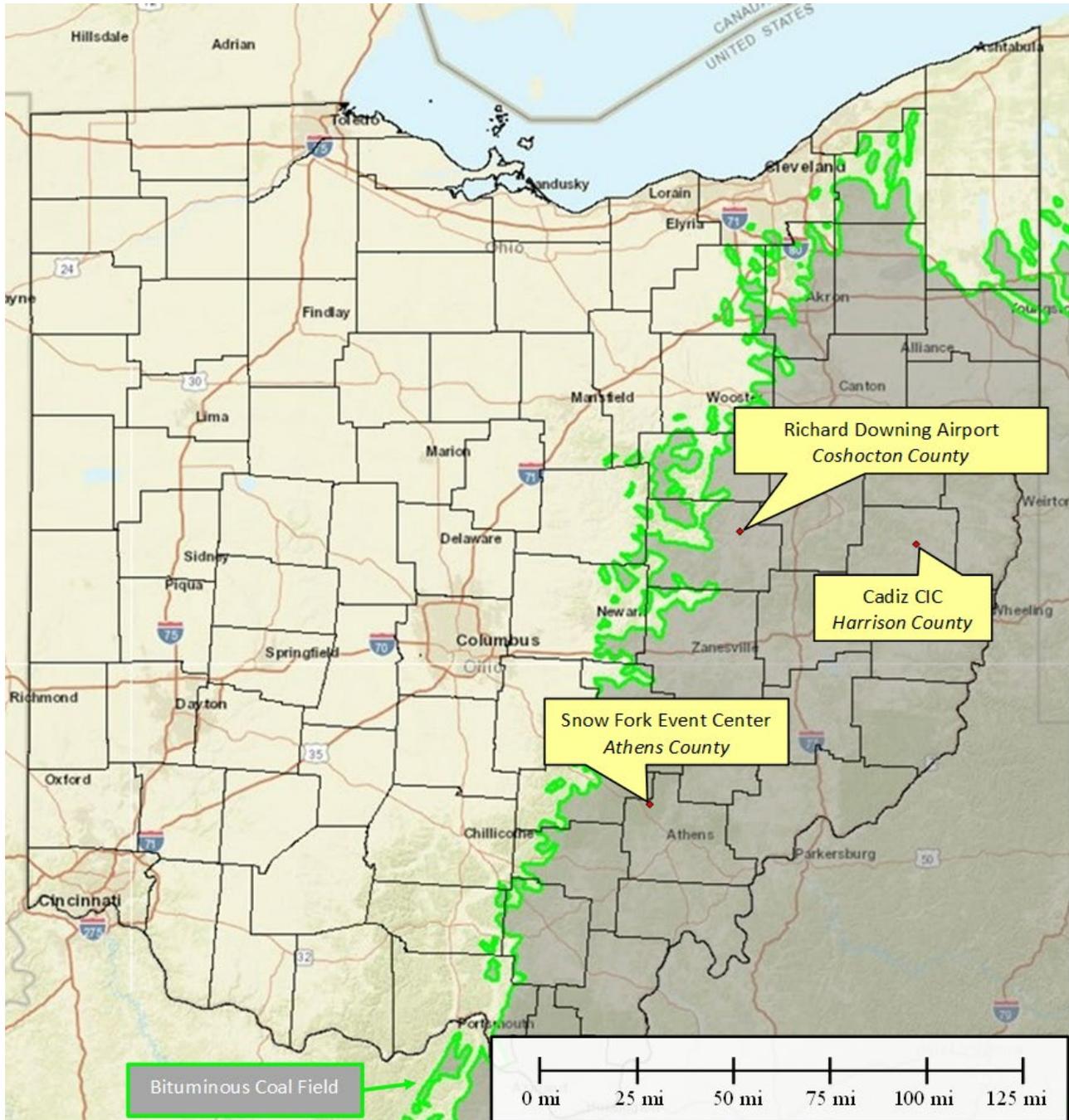
Project Partners: Cawaco Resource Conservation & Development, Inc., Geological Survey of Alabama, and Trutta Environmental Solutions, LLC

This project will reclaim 67 acres of AML which includes 700 linear feet of dangerous highwall, associated spoil material, and an acid mine drainage passive treatment system (500 gallons per minute). Monitoring will be conducted pre- and post- construction to document the effectiveness of erosion and sediment control. Local support expresses encouragement that the project will promote potential future economic/community development by increasing recreational opportunities or supporting light industrial development (based on the potential of suppliers for the Mercedes Benz plant 20 miles away).



North Fork Creek Project Area

**Figure 40: Map of Active Projects in Ohio
Receiving FY 2020 AMLER Funds**



FY 2020 Ohio

As of November 30, 2022, Ohio had selected and submitted a total of three projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2020 AMLER grant. All three projects are currently active with two of the projects having received OSMRE preliminary approval and one project under OSMRE review as of November 30, 2022. Located in three counties in eastern Ohio (*Figure 40*), the three active FY 2020 AMLER projects include two production/commercial projects and one point-of-interest/tourism project. The projected combined benefits for these projects are: 43 direct jobs created/retained, 128,000 visitors attracted to points of interest (with more expected as development is completed), 38.2 acres of land reclaimed, and 11,000 linear feet of utility lines constructed. The three active AMLER projects are expected to leverage an estimated additional \$0.21 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information on the Ohio AML Program can be found through the [Ohio Department of Natural Resources - Division of Mineral Resources](#).

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Richard Downing Airport

Status: Preliminary OSMRE approval (11/17/21) - OSMRE final approval ATP issued (10/7/22)

Location: Coshocton County, Ohio

Requested AMLER Funding: \$2.117 million

Additional Funding: \$108,000 from local sources

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Richard Downing Airport, Ohio State University, and the Ohio Mid-Eastern Governments Association



Richard Downing Airport

This project will construct a 7,040 square foot multipurpose hangar at the Richard Downing Airport (non-profit community airport). This hangar will provide safe overnight and short-term hangarage for business and private aircraft and protect aircraft from inclement weather and incidental damage. It will also house a new avionics service and training operation that includes aircraft part manufacturing, assembly of lightweight aircraft, aircraft maintenance and repair, aircraft

maintenance training, and medivac services. The new hanger is expected to create jobs for two technicians, two or more mechanics, and six apprentices. The hanger is designed to house three medium jets or a greater number of smaller aircraft and will include electric, water, sewer, gas, and internet utility services. The airport currently handles approximately 120 jets and turboprop aircraft per year and 200 lightweight piston aircraft per month that use two existing hangers. The new hanger is estimated to double the number of overnight jet stays to 240 per year. As a transportation hub, the airport supports the travel needs of several large-scale industries in the area (including five commercial tenants on the airport property) and is an economic driver for many local businesses that support travelers (hotels, restaurants, retail, event space, etc.). The project also includes the reclamation of 6,700 linear feet of highwall that will add approximately 36 acres that can be used for outdoor recreation (hunting, reopening an amphitheater), expansion of commercial development, and/or establishment of a research site.

Cadiz CIC

Status: Preliminary OSMRE approval (3/10/22) - OSMRE final approval ATP issued (8/31/22)

Location: Harrison County, Ohio

Requested AMLER Funding: \$756,300

Additional Funding: \$1.7 million from project partners

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Cadiz Community Improvement Corporation and ComptonAddy Property Acquisitions

This project will reclaim an underground mine under a 2.2-acre parcel to create a build ready site for a retail building (10,000 square feet). AMLER funds would be used for reclamation (excavation and backfilling of the mine) while the other funds would be used to develop the building. The site has attracted numerous interested prospective tenants and will likely see development of a Family Dollar - Dollar Tree Combo Store. The store is estimated to create 10-15 jobs (mix of full and part time).

Snow Fork Event Center

Status: Under review for OSMRE's preliminary approval as of November 30, 2022

Location: Athens County, Ohio

Requested AMLER Funding: \$4.2 million

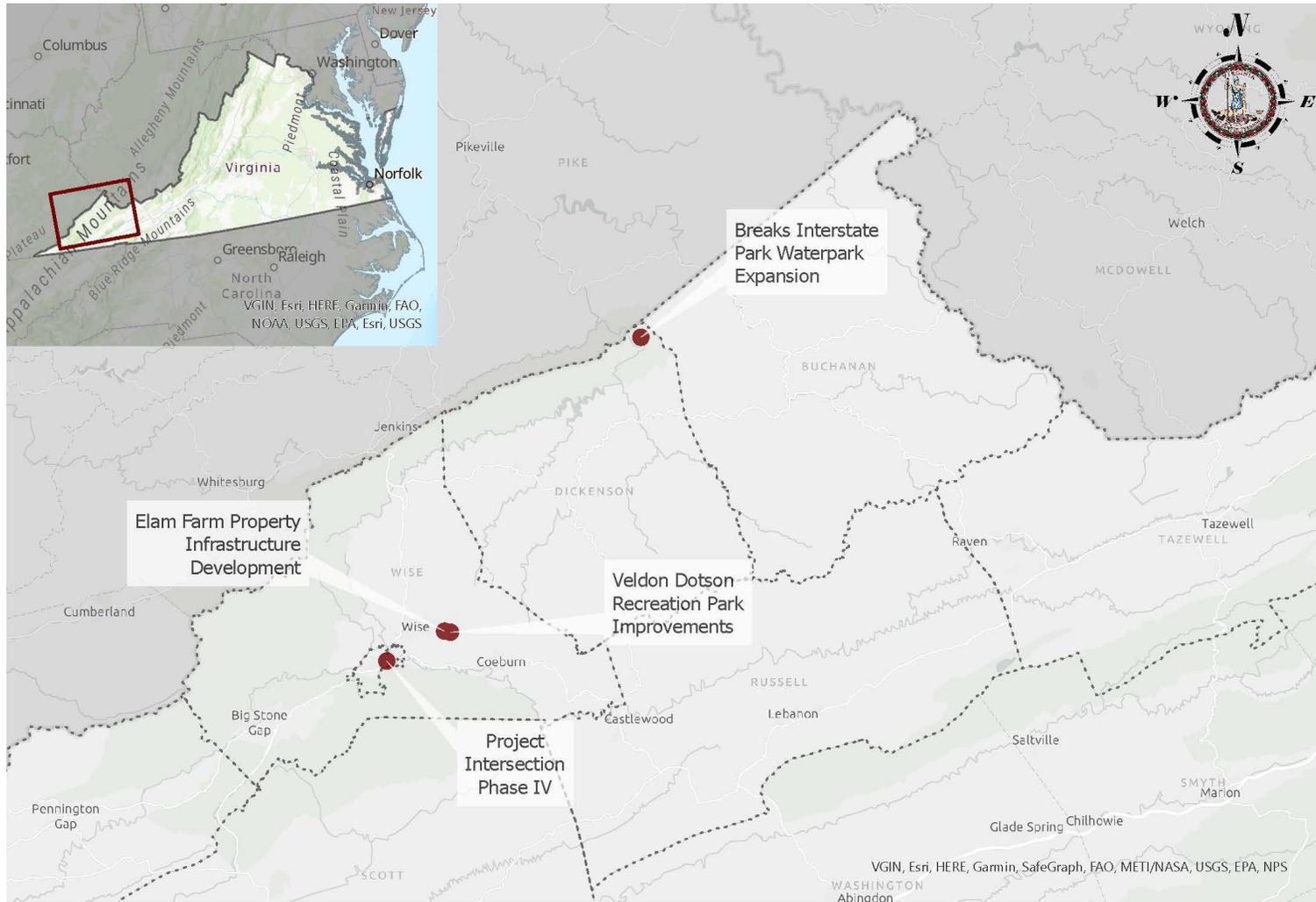
Additional Funding: \$340,000 from Snow Fork Event Center and Stuart's Opera House

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

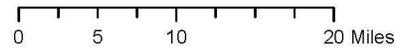
Project Partners: Stuarts Opera House and Snow Fork LLC

This project will construct infrastructure and facilities for the Stuart's Opera House to host the annual Nelsonville Music Festival (7,000 attendees in 2019) at the Snow Fork Event Center. AMLER funds will be used to construct a main stage, backstage support building (with restrooms, showers, dressing rooms, office space, green room, and catering area), two large public restrooms, 11,000 linear feet of waterline, extended sewer lines, electricity hookups, roads, trails, and bridges. A multi-use event building (with a 250 - 300 capacity) will also be constructed to host indoor events year-round (including weddings, concerts, reunions, and educational workshops). The site will support up to 128,000 attendees annually based on up to three annual music festivals (estimated 45,000 attendees), up to 12 annual concerts (73,000 attendees), and up to 30 annual events/weddings (10,000 attendees). Estimated jobs created by this project include: six full time positions, one year-round part-time position, four seasonal positions and 15 part time positions (per event) totaling an estimated \$400,000 in payroll.

Figure 41: Map of Active Projects in Virginia Receiving FY 2020 AMLER Funds



2020 AMLER PROJECTS



FY 2020 Virginia

As of November 30, 2022, Virginia had selected and submitted a total of four projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2020 AMLER grant. All four projects received preliminary approval from OSMRE and are currently active. Located in two counties and one city in western Virginia (*Figure 41*), the four active FY 2020 AMLER projects include two production/commercial projects and two point-of-interest/tourism projects. The projected combined benefits for these projects are: 150 direct jobs created/retained (with more expected as development is completed) and 12,935 visitors attracted to points of interest (with more expected as development is completed). Additional benefits include construction of a 28,000 square foot industrial building. The four active AMLER projects are expected to leverage an estimated additional \$0.76 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through [Virginia Energy](#).

Projects Submitted to OSMRE PSD Requesting FY 2020 AMLER Funds

Project Intersection (Phase 4)

Status: Preliminary OSMRE approval (1/25/22) - OSMRE final approval ATP issued (9/9/22)

Location: City of Norton, Virginia

Requested AMLER Funding: \$5.5 million

Additional Funding: \$6.4 million from the EDA

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Lonesome Pine Regional Industrial Authority, the Economic Development Administration, and the Virginia Tobacco Region Revitalization Commission



Project Intersection (Phase 4) Site

This is the fourth phase of the Project Intersection AMLER Project that also received FY 2017, FY 2018, and FY 2019 AMLER funds. The first phase of this project involves the purchase of 200 acres, development of an industrial pad (site 1) for a 175,000 square foot building (estimated to create 63 jobs in 3-4 years), grading of two more industrial pads (sites 2 and 3), and removal of a highwall. The second phase is developing the second industrial pad (site 2) for a 100,000 square foot building, grade the main access road, and add 4,000 linear feet of water, sewer, broadband, natural gas, and electric utilities lines to sites 1 and 2. The third phase will add pavement, curbs, guttering, and lighting to the main access road and connect site 2 to site 4 with 2,100 linear feet of access road, water and sewer infrastructure, and erosion/settlement control measures. Additionally, it will start work to establish a site-ready pad at site 4 and complete preliminary site preparations and minor initial grade and road base work on site 3. This fourth phase will complete pad development on site 4 and construct a two-story, 28,000 square foot building. An internet provider (Earthlink) is expected to lease the building and initially create 150 jobs. At full operation, 285 jobs are expected, and an expansion over five years could result in a total of 500 jobs.

Breaks Interstate Park Waterpark Expansion

Status: Preliminary OSMRE approval (7/12/22)

Location: Dickenson County, Virginia

Requested AMLER Funding: \$300,000

Additional Funding: \$600,000 from project partners (including \$500,000 from the Virginia Coalfield Economic Development Authority and \$100,000 from AML fee-based funds to address physical hazards).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Breaks Interstate Park Commission and Virginia Coalfield Economic Development Authority



Breaks Interstate Park Waterpark

This project will reclaim three AML portals and construct a swimming pool at the Breaks Interstate Park. The pool will be 40 feet by 80 feet (3,200 square feet), three to nine feet deep, include two diving boards, and be ADA compliant. Updates will also be made to the existing restroom/shower facility and splashpad play feature. This project will supplement existing features including a lazy river, shallow beach entry pool, water slides, and a splashpad that attract 12,319 guests per season and generate \$96,819 in annual revenue. The addition of a pool is expected to increase annual visitation to the waterpark by 105% by 2026 (to 25,254).

Elam Farm Infrastructure

Status: Preliminary OSMRE approval (1/25/22)

Location: Wise County, Virginia

Requested AMLER Funding: \$1.707 million

Additional Funding: \$552,805 from Wise County

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Wise County Industrial Development Authority

This project will expand the Lonesome Pine Regional Business and Technology Park by developing pad-ready sites within the 203-acre Elam Farm tract. AMLER funding will be used to construct earthwork (60,000 cubic yards), pavement (33,300 square feet), curbs & gutters (2,600 linear feet), storm drains (1,300 linear feet), eight curb inlets, a stormwater detention pond, water line (1,300 linear feet), sewer line (2,500 linear feet), gas line (1,300 linear feet). The Wise County Industrial Development Authority is in negotiations with a light manufacturing business that will potentially locate to the site as part of a multi-million-dollar investment by the business.

Veldon Dotson Park

Status: Preliminary OSMRE approval (1/25/22)

Location: Wise County, Virginia

Requested AMLER Funding: \$371,000

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of Wise, Virginia, Cal Ripken Baseball League, Babe Ruth League, and Sykes Enterprises



Veldon Dotson Park (Phase 1)

This project will install additional lighting (three light poles and associated fixtures) to initiate improvements of the softball/baseball field in the Town of Wise Sports Complex (formerly known as Veldon Dotson Recreation Park). The additional lighting will increase the number of hours available for practice and play and make the field amenable to tournament play. The number on visitors, tax revenues from meals and lodging, and number of tournaments are also expected to increase. Later phases will add restrooms, additional concessions eating areas, a playground, a lighted walking trail, and a dressing room facility for visiting teams.

FY 2020 Crow Tribe

As of November 30, 2022, the Crow Tribe has not submitted FY 2020 AMLER project applications to OSMRE for preliminary approval review.

FY 2020 Hopi Tribe

As of November 30, 2022, the Hopi Tribe has not submitted FY 2020 AMLER project applications to OSMRE for preliminary approval review.

FY 2020 Navajo Nation

As of November 30, 2022, the Navajo Nation has not submitted FY 2020 AMLER project applications to OSMRE for preliminary approval review.

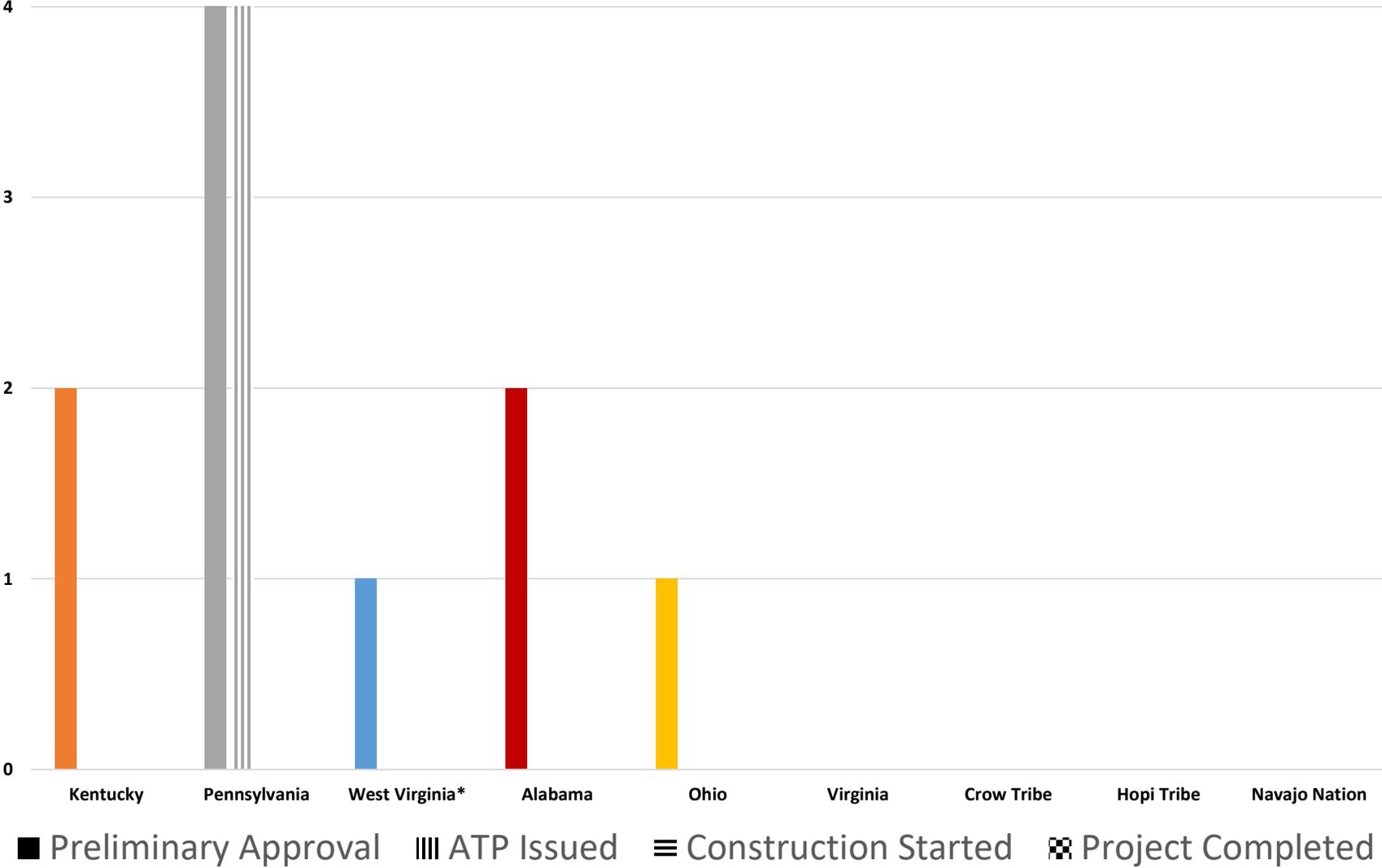
IX. Implementation of the FY 2021 AMLER Program

For FY 2021, the name of the “AML Pilot” officially changed to the “AMLER Program”. The name change applied to all previous years of the program as well. However, previously published documents (e.g., guidance and reports) were not required to be edited and republished with the change.

OSMRE notified eligible states and Tribes on February 25, 2021, that their FY 2021 AMLER funding was available, and they could prepare grant applications. As of November 30, 2022, OSMRE has awarded FY 2021 AMLER grants to Ohio and West Virginia (\$25 million each), and Kentucky and Virginia (\$10 million each). OSMRE is working with Alabama, Pennsylvania, the Crow Tribe, Hopi Tribe, and Navajo Nation to submit a FY 2021 AMLER grant applications.

OSMRE released the *FY 2021 AMLER Guidance Document* on March 5, 2021, which included minor adjustments from the previous year to assist states and Tribes in their selection of projects. Updates for FY 2021 included clarification that detailed program narratives are needed in annual grant reports to assist OSMRE in the development of the AMLER Program Report. The guidance document also outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria.

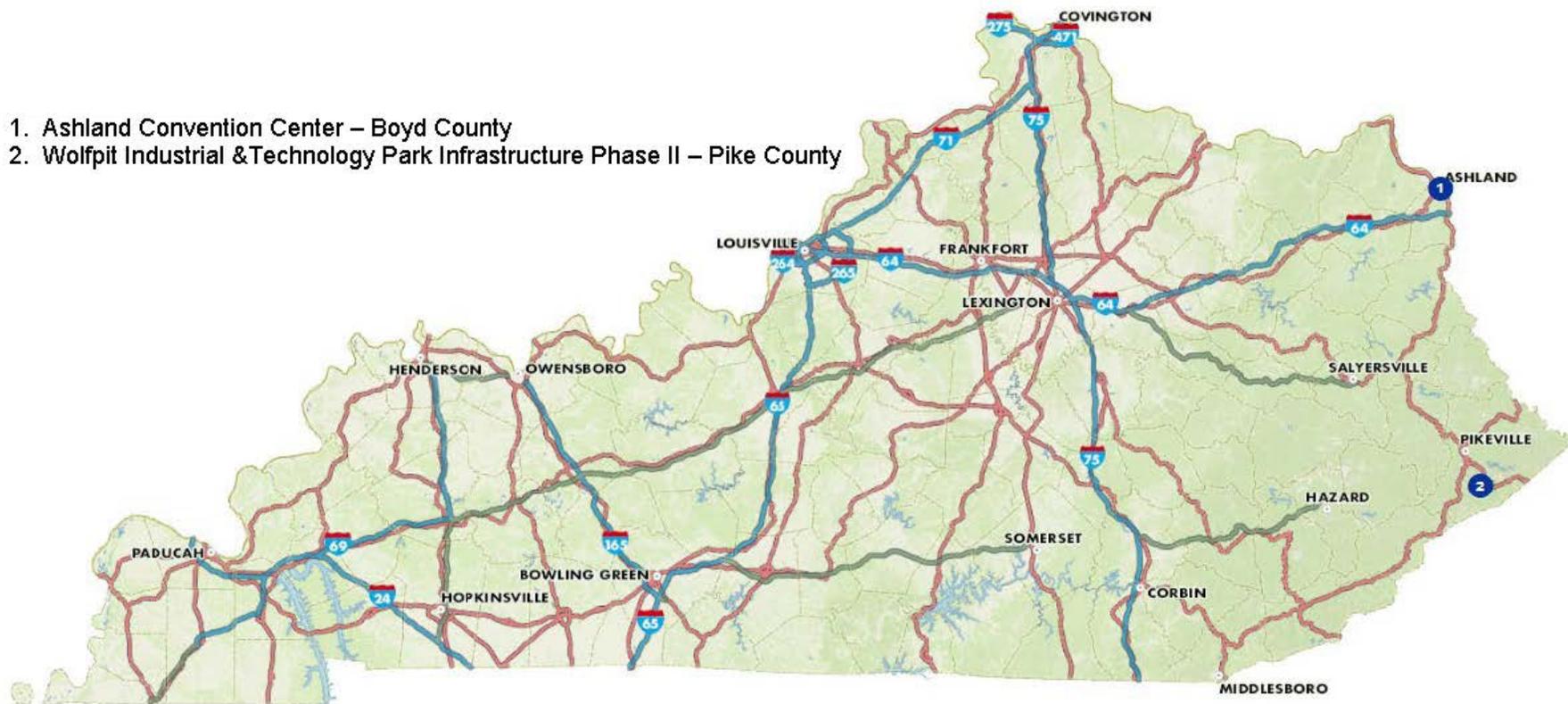
Figure 42: Status of FY 2021 AMLER Projects



*Five active projects in West Virginia are under OSMRE PSD review and are not captured in this figure.

Figure 43: Map of Active Projects in Kentucky Receiving FY 2021 AMLER Funds

- 1. Ashland Convention Center – Boyd County
- 2. Wolfpit Industrial & Technology Park Infrastructure Phase II – Pike County



FY 2021 Kentucky

As of November 30, 2022, Kentucky had selected and submitted a total of two projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2021 AMLER grant. Both projects received preliminary approval from OSMRE and are currently active. Located across two counties in eastern Kentucky (*Figure 43*), the two active FY 2021 AMLER projects include one infrastructure project and one point-of-interest/tourism project. The projected combined benefits for these projects are: 82 direct jobs created/retained, 5,000 visitors attracted to points of interest, and 19,000 linear feet of utility lines constructed. The two active AMLER projects are expected to leverage an estimated additional \$1.66 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Kentucky Energy and Environment Cabinet](#).

Projects Submitted to OSMRE PSD Requesting FY 2021 AMLER Funds

Ashland Convention Center

Status: Preliminary OSMRE approval (5/17/22)

Location: Boyd County, Kentucky

Requested AMLER Funding: \$1 million

Additional Funding: \$14.15 million from project partners

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: City of Ashland, Boyd County Fiscal Court, Kentucky Cabinet for Economic Development, and the Woodlands Foundation

The District Convention Center



Concept of the Ashland Convention Center

This project will demolish an unused building and construct a 22,000 square foot convention center (owned by City of Ashland) with a 250-space parking garage to support the Delta Hotel and events

in Ashland. AMLER funds would be used for design and engineering for the project while additional funds would be used to construct the convention center and retail spaces. When completed, the convention center will host a minimum of 5,000 visitors and five new conferences annually. In addition, an estimated 71 local jobs will be created within five years of the project's completion to operate the conference center, retail space, and parking garage.

Wolfpit Industrial and Technology Park Infrastructure

Status: Preliminary OSMRE approval (3/10/22)

Location: Pike County, Kentucky

Requested AMLER Funding: \$700,000

Additional Funding: \$2.402 million from project partners (including \$1.87 million from the Economic Development Authority and \$532,303 from the Pike County Fiscal Court).

AML Site Info: Priority 2 and Priority 3 unreclaimed and previously reclaimed

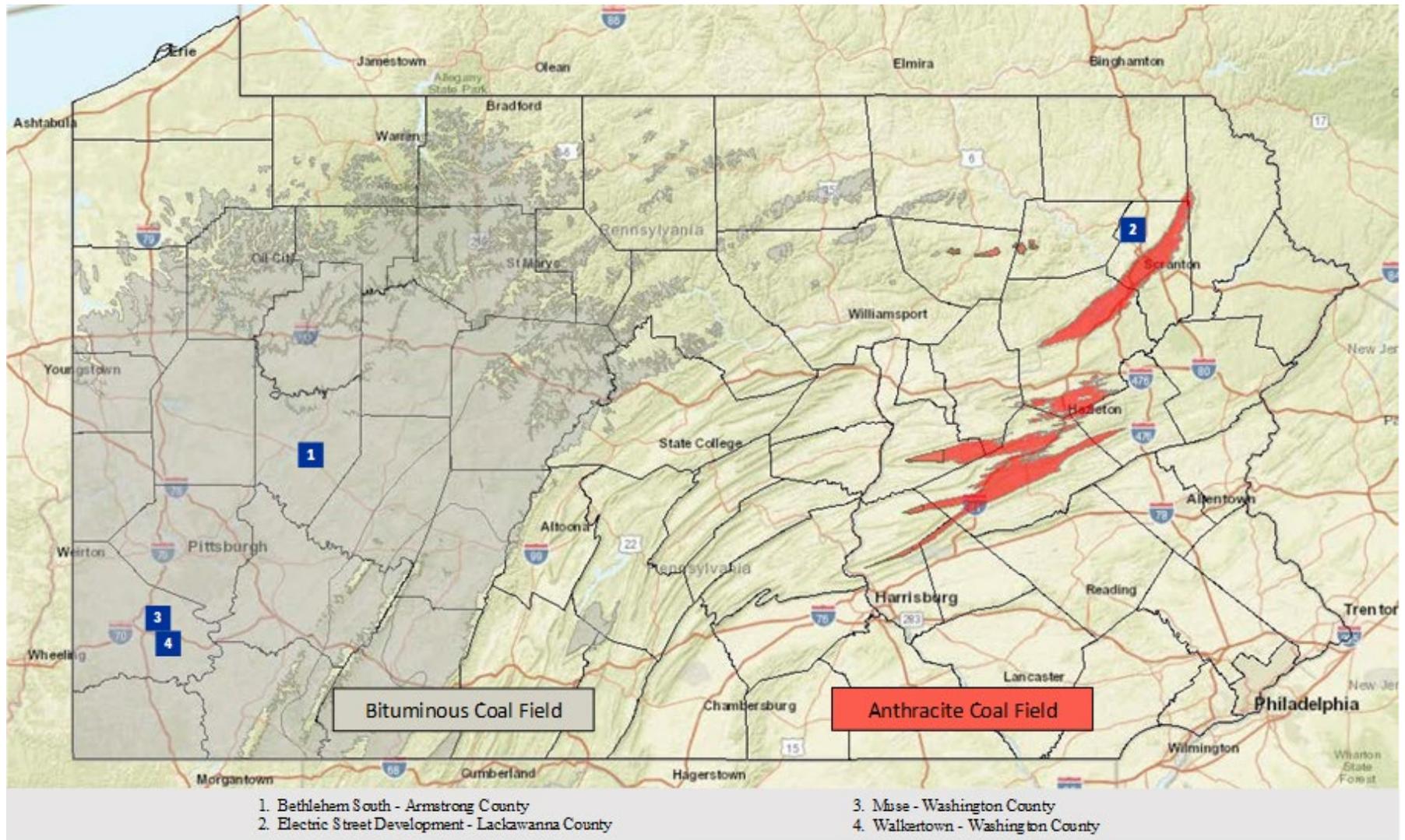
Project Partners: Pike County Fiscal Court, Pike County Industrial Authority, One East Kentucky, Big Sandy Technical and Community College, the Kentucky Economic Development Cabinet, and the Kentucky Workforce Development Cabinet

This project will use AMLER funds to construct 7,800 linear feet of three-phase electrical lines to and through the Wolfpit Industrial Park (81.15 acres) near Pikeville, Kentucky. Other funds are being used to install water (8,400 linear feet) and sewer (2,800 linear feet) lines to the site. The upgraded infrastructure is required to serve a signed tenant of the industrial park (American Metal Works) which will offer full service custom aerospace manufacturing and CNC machining services and support 10 - 12 jobs. Future plans for the site include the addition of an access road and natural gas/internet lines to attract up to four tenants to the industrial and technology park. When the site is fully developed, it is estimated to create 250 jobs, \$250,000 in tax revenue, \$12.5 million in payroll revenue, and \$750,000 indirect spending from wages.



Location of Wolfpit Industrial and Technology Park Infrastructure Project

Figure 44: Map of Active Projects in Pennsylvania Receiving FY 2021 AMLER Funds



FY 2021 Pennsylvania

As of November 30, 2022, Pennsylvania had selected and submitted a total of four projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2021 AMLER grant. All four projects received preliminary approval from OSMRE and are currently active. If applicable, changes in active projects and revisions to AMLER funding requests from the previous AMLER report are marked as an “Update” for each project in the list below.

Located across three counties across Pennsylvania (*Figure 44*), the four active FY 2021 AMLER projects include two production/commercial projects and two point-of-interest/tourism projects. The projected combined benefits for these projects are: 27 direct jobs created/retained (with more expected as development is completed), 0.57 miles of public trail constructed, 95 acres of land reclaimed, 0.2 miles of stream reclaimed, and 4,700 linear feet of utility lines constructed. Visitors will be attracted to points of interest, however specific estimates are not available yet, but will be provided as development is completed. The four active AMLER projects are expected to leverage an estimated additional \$0.03 for every \$1 of AMLER funding from public and private economic development funds. Additional information can be found through the [Pennsylvania Department of Environmental Protection](#)

Projects Submitted to OSMRE PSD Requesting FY 2021 AMLER Funds

Bethlehem South

Status: Preliminary OSMRE approval (9/21/20) - OSMRE final approval ATP issued (11/17/20)

Location: Armstrong County, Pennsylvania

Requested AMLER Funding: \$1.225 million

Additional Funding: \$250,000 from Redbank Creek Watershed Trust

AML Site Info: Priority 2 and 3 unreclaimed

Project Partners: Redbank Creek Watershed Trust



Highwall to be Reclaimed at the Bethlehem South Site

This project will reclaim of over 11,000 linear feet of highwall and 59 acres of spoil material. The highwalls will be reclaimed using the spoil material with alkaline additions to neutralize soil acidity. The reclaimed site will add a total of 50 acres of farmland for two local farmers and the access roads will be converted into a multi-use trail (3,000 linear feet) for hiking biking, and golf carting for the guests of the adjacent Brick House Bed and Breakfast. The owner of the Brick House plans future development of additional trails and an overlook that could tie into the adjacent Redbank Valley Trail (42 miles).

Electric Street Development - Previously associated with the FY 2018 AMLER grant

Status: Preliminary OSMRE approval (7/29/19) - OSMRE final approval ATP issued (10/6/20)

Location: Lackawanna County, Pennsylvania

Requested AMLER Funding: \$1.5 million

Additional Funding: \$500,000 from project partners (including \$410,000 from AML fee-based funds to address physical hazards and \$90,000 from the Pennsylvania Department of Community and Economic Development for preliminary trail design).

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Covington Karthaus Girard Area Authority (CKGAA) and Goshen Township

Update: Project previously associated with the FY 2018 AMLER grant but has been moved to the FY 2021 AMLER Grant.

This project will reclaim 24 acres of AML along the Lackawanna River and construct a 1-acre public outdoor recreation area. This will include a small parking area, 4,700 ft walking trail, and boat access to the river. It is estimated to attract 500-600 fishing enthusiasts and 15-20 boats/canoe/kayaks a day during highwater season. Special events and fundraisers would also use the site including the Steamtown Marathon which has 3,000 registered runners. The remaining acreage will be available for future business development and could create an estimated 20-30 full time jobs.



Spoil Area on Electric Street Development Project Site

Muse

Status: Preliminary OSMRE approval (10/14/21) - OSMRE final approval ATP issued (4/21/22)

Location: Washington County, Pennsylvania

Requested AMLER Funding: \$1.291 million

AML Site Info: Priority 2 unreclaimed

Project Partners: Pennsylvania DEP

This project will reclaim and grade five acres of AML which will be developed by the property owner as a storage facility business. The business is estimated to create two new jobs and will provide service to the local community. The property owner is also in negotiations to purchase the adjacent parcel (previously reclaimed with AML funds) to develop a multi-use path for the community and possibly as a business park which has the potential to house emergency services and municipal services.

Walkertown

Status: Preliminary OSMRE approval (5/25/21) - OSMRE final approval ATP issued (12/29/21)

Location: Washington County, Pennsylvania

Requested AMLER Funding: \$1.55 million

AML Site Info: Priority 2 and 3 unreclaimed and previously reclaimed

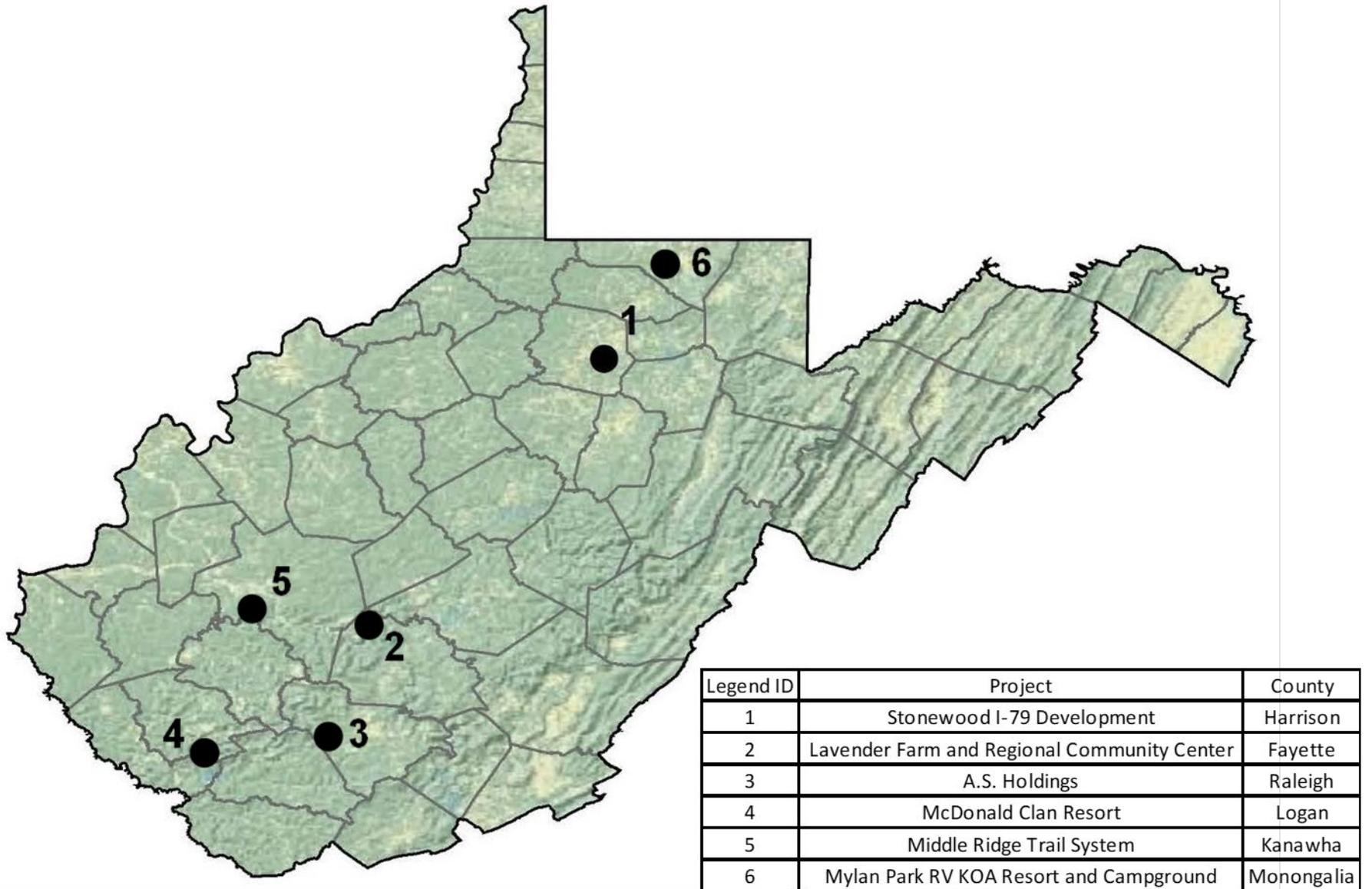
Project Partners: Pennsylvania DEP and West Pike Run Township

This project will reclaim seven acres of AML which will be used to create a three-to-four-acre recreational green space for the West Pike Run Township. The project will also reclaim 0.2 miles of stream which will help abate flooding issues downstream. The recreational green space will include a walking path maintained by the township for the community. An access road will be converted into a walking path and future updates by the townships may add benches, pavilions, and other facilities.



Dangerous Pile and Embankment to be Reclaimed at the Walkerton Project Site

Figure 45: Map of Active Projects in West Virginia Receiving FY 2021 AMLER Funds



FY 2021 West Virginia

As of November 30, 2022, West Virginia had selected and submitted a total of six projects to OSMRE to confirm eligibility of each project using a portion of its \$25 million FY 2021 AMLER grant. All six projects are currently active with one of the projects having received OSMRE preliminary approval and the remaining five projects under OSMRE review as of November 30, 2022. Located in seven counties in across West Virginia (*Figure 45*), the six active FY 2021 AMLER projects include two production/commercial projects and four point-of-interest/tourism projects. The projected combined benefits for these projects are: 557 direct jobs created/retained (with more expected as development is completed), 255,102 visitors attracted to points of interest (with more expected as development is completed), 2.85 miles of public trails constructed, 160 acres of land reclaimed, and 6,336 linear feet of utility lines constructed (with more expected as development is completed). The six active AMLER projects are expected to leverage an estimated additional \$1.19 for every \$1 of AMLER funding from other abandoned mine land and abandoned mine drainage funds and/or public and private economic development funds. Additional information can be found through the [West Virginia Department of Environmental Protection](#).

Projects Submitted to OSMRE PSD Requesting FY 2021 AMLER Funds

Stonewood I-79 Development

Status: Preliminary OSMRE approval (7/12/22)

Location: Taylor and Harrison Counties, West Virginia

Requested AMLER Funding: \$5 million

Additional Funding: \$14.7 million from Shiloh Development

AML Site Info: Priority 3 unreclaimed

Project Partners: Shiloh Development, Town of Stonewood, Harrison County Economic Development Corporation, and the Applied Mechanics Corporation.



Overview of Grading for the Stonewood I-79 Development

This project will reclaim 61 acres and complete site preparations for three building pads (4 acres, 28 acres, and 29 acres). The building pads are a part of a 181-acre property that will be designed to attract large warehouse clients and smaller office space construction. It is estimated that the project will create 75 - 125 temporary construction jobs and 300 - 500 permanent jobs once warehouses have begun operation on the site. AMLER funds will also be used to construct three access roads in addition to install and manage of stormwater management structures. Leveraged funds will be used to add gas, water, and sewer lines.

A.S. Holdings Inc.

Status: Under review for OSMRE's preliminary approval as of November 30, 2022

Location: Raleigh County, West Virginia

Requested AMLER Funding: \$4.982 million

Additional Funding: \$100,000 from AS Holdings Inc.

AML Site Info: Priority 2 unreclaimed

Project Partners: AS Holding Inc., Thrasher Engineering, JLH Consulting, Facilities Engineering Services, Performance Industries, Maple Meadow Land Co., and Bradford Construction

This project will prepare a 32-acre site for development as an industrial complex. AMLER funds will be used for design, construction of two building pads (25 acres and 7 acres), one mile of power lines, and 1.2 miles of water, cable, and phone lines. When completed, the industrial site is expected to host a large-scale salmon rearing and processing complex that utilizes a significant water supply from an underlying deep mine. The facility would support 100 full time jobs and produce 22 million pounds of salmon annually. Other industrial tenants are also expected to utilize the site that could support the potential fish farm.

Lavender Farm and Regional Community Center

Status: Under review for OSMRE's preliminary approval as of November 30, 2022

Location: Fayette County, West Virginia

Requested AMLER Funding: \$1.6 million

Additional Funding: \$250,000 from Appalachian Botanical Co., LLC with another \$32,000 as in-kind value

AML Site Info: Priority 2 unreclaimed

Project Partners: Appalachian Botanical Co., LLC, Region 1 Workforce Development Board, Raleigh County Circuit Court, Fayette County Drug Court, and the West Virginia Department of Rehabilitation Services.

This project will facilitate the development of a 12-acre lavender farm and apiary and 18 acres for a regional community center. After completion, the lavender farm would provide seasonal and year-round internships, apprenticeships, educational/vocational opportunities to local schools with a focus on agriculture and horticulture. It will also provide jobs tailored to second-chance employment opportunities for individuals who struggle with steady employment (e.g. limited education/job skills, cognitive disability, criminal records, history of substance use disorders). The farm is anticipated to open for school field trips, public tours, and outdoor events.

McDonald Clan Resort Project

Status: Under review for OSMRE's preliminary approval as of November 30, 2022

Location: Logan County, West Virginia

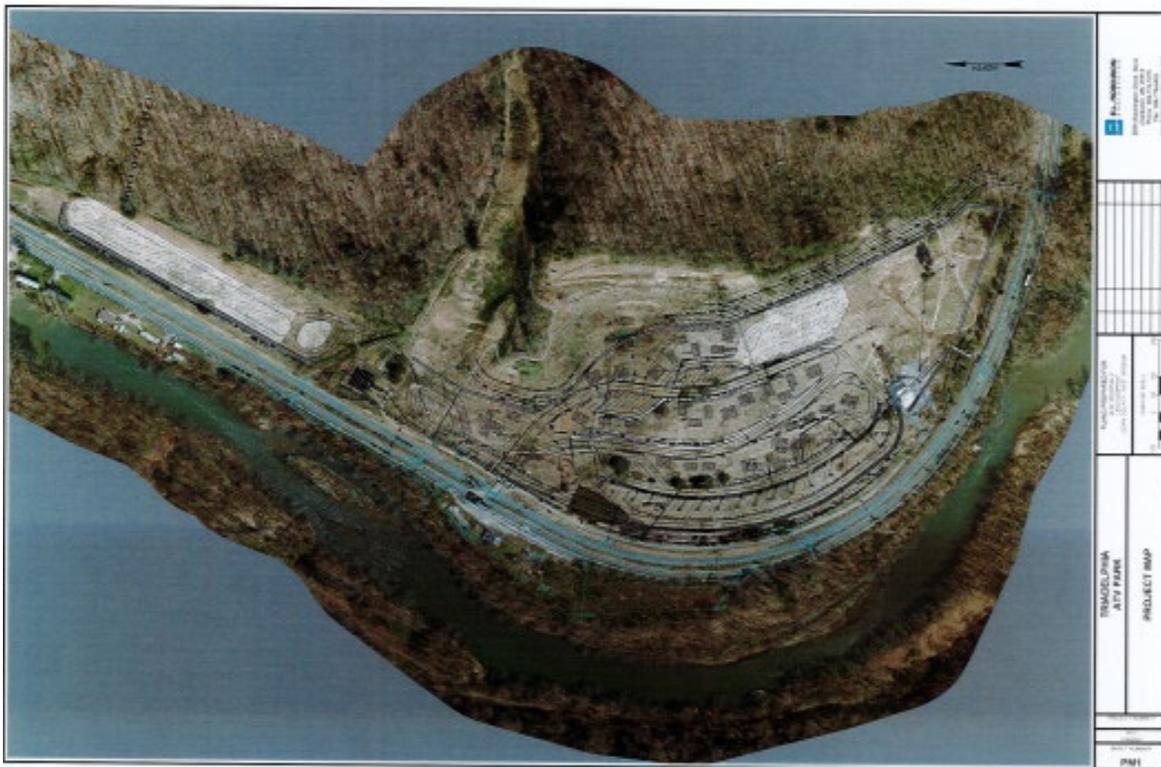
Requested AMLER Funding: \$4 million

Additional Funding: \$10.146 million from the McDonald Clan Resort, LLC

AML Site Info: Priority 2 unreclaimed

Project Partners: McDonald Clan Resort, LLC, Hatfield McCoy Trail System, Town of Man, Logan County Commission, and the Hatfield McCoy Convention and Visitors Bureau.

This project is supplemental to the Triadelphia ATV Resort Project that received FY 2017 AMLER funding. That project relocated State Route 80 to provide a safe turning lane and railroad crossing to the ATV resort. With FY 2021 AMLER funds, this project will install infrastructure (stormwater management, roads, parking, erosion control, water lines, sewer lines, and power trenches) within the resort. Additional funds will be used to construct 7,830 feet of ziplines, 20 two-bedroom cabins, 12 four-bedroom cabins, 15 RV hookup sites, an outdoor pool, a bathhouse, and a general store/restaurant (8,348 square feet with a 2,050 square foot covered porch and outdoor seating area). Kayak rental is also proposed for the site with access to the Guyandotte River. A footprint for a 50-room lodge has been left for future development. When completed, the resort is estimated to employ 37 full and part time employees and will provide lodging for an estimated 5,102 annual guests (resulting in 15,000 annual visitor nights to the Hatfield and McCoy Trail system based on an average of three nights per guest). The zipline feature is also estimated to add as many as 3,000 visitor nights to the site.



McDonald Clan Resort Project Map

Middle Ridge Trail System

Status: Under review for OSMRE’s preliminary approval as of November 30, 2022

Location: Kanawha County, West Virginia

Requested AMLER Funding: \$300,000

Additional Funding: \$1,700 from the Kanawha State Forest Foundation

AML Site Info: Priority 1 and Priority 2 unreclaimed

Project Partner: Kanawha State Forest Foundation, the Kanawha Valley Trail Alliance, and the Kanawha State Forest Management Team

This project will improve access to the Middle Trail System within the 9,300-acre Kanawha State Forest by completing a 2.5 mile stretch at the north end of the trail. If costs allow, a ridge-top segment (0.9 miles) will also be completed to connect the North End trail with the existing Middle Ridge Trail System. Existing unfinished trails that include steep and challenging terrain would be improved to a 5-10% grade for intended users (families, hikers, runners, and mountain bikers). The completed Middle Ridge Trail (totaling 13.2 miles) will increase visitation by become the premier trail in the park and better support mountain bike and trail running race events.

Mylan Park RV KOA Resort and Campground

Status: Under review for OSMRE’s preliminary approval as of November 30, 2022

Location: Monongalia County, West Virginia

Requested AMLER Funding: \$3.75 million

Additional Funding: \$4.4 million from the Mylan Park Foundation

AML Site Info: Priority 3 unreclaimed

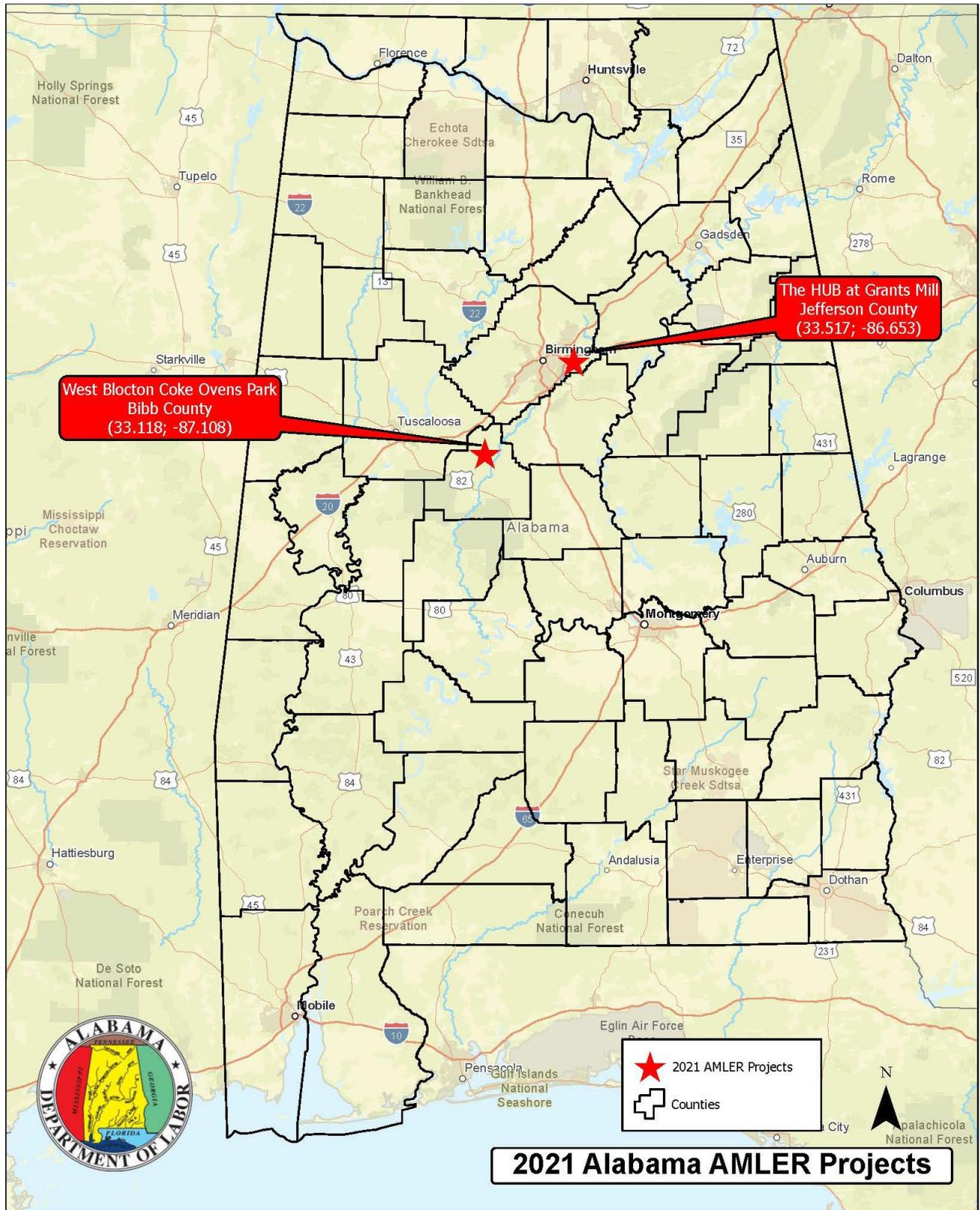
Project Partners: Mylan Park Foundation, Mountaineer County Convention and Visitor Bureau, Monongalia County Commission, USA BMX Foundation, Ascent West Virginia, Civil and Environmental Consultants Inc., Kampgrounds of America (KOA), Gorin and Cohen Consulting Group LLC, and the Good Sam Club.

This project will develop a 37-acre campground and recreation area within the Mylan Park Complex. The complex already includes a large community center, an aquatic center, and a 4-H center. Additional development is also planned in the future to include an action sports complex and trail system. AMLER funds for this project will be used for site excavation and installation of infrastructure (water, electric, cable, and sewer lines). When completed, the campground and recreation facility will include 142 RV/camper sites, ten cabins, four tent sites, dog park, pavilion, playground, camp store, picnic area, bathhouse, and walking trails (1,850 linear feet). The campground is anticipated to create five full-time and fifteen seasonal employees and add several support positions to the Mylan Park Foundation’s existing staff. A marketing plan will be developed to attract visitors and the campground is expected to generate \$282,000 in revenue its first year and increase \$100,000 annually for the next five years. The Mylan Park Complex already serves over 1 million visitors a year and is projected to increase by 25% within three years of the project’s completion.



Master Plan for the Mylan Park RV KOA Resort and Campground

**Figure 46: Map of Active Projects in Alabama
Receiving FY 2021 AMLER Funds**



FY 2021 Alabama

As of November 30, 2022, Alabama had selected and submitted a total of two projects to OSMRE to confirm eligibility of each project using a portion of its \$10 million FY 2021 AMLER grant. Both projects received preliminary approval from OSMRE and are currently active. Located in two counties in central Alabama (*Figure 46*), the two active FY 2021 AMLER projects include one production/commercial project and one point-of-interest/tourism project. The projected combined benefits for these projects are: 2 direct jobs created/retained (with more expected as development is completed), 36,500 visitors attracted to points of interest, 43 acres of land reclaimed, and 1,000 linear feet of utility lines constructed. The two active AMLER projects have not listed any potential other funds being leveraged with AMLER funds. Additional information can be found through the [Alabama Department of Labor](#).

Projects Submitted to OSMRE PSD Requesting FY 2021 AMLER Funds

West Blocton Coke Oven Park

Status: Preliminary OSMRE approval (11/9/22)

Location: Bibb County, Alabama

Requested AMLER Funding: \$2.47 million

AML Site Info: Priority 1, 2, and 3; unreclaimed and previously reclaimed

Project Partners: Town of West Blocton, West Blocton Coke Ovens Park Board, West Blocton Improvement Committee, Friends of the Cahaba River National Wildlife Refuge, Cahaba Riverkeeper, and the Bibb County Commission

This project will develop a 26-acre park that will serve as a local outdoor recreation destination that will offer opportunities for camping, fishing, hiking, and wildlife observation. AMLER funds will be used to grade two acres for parking and RV campsites with hookups, build a 2,000 square foot bathhouse, build a 5,000 square foot visitor center, build a 3,000 square foot pavilion, and relocate a vintage store to the park to be used as a museum. Any remaining funds will be used to expand nature and walking trails, construct a bridge across Caffee Creek, upgrade signage, and erect a new entrance gate. With eight to ten camper stations (including RV hookups) the number of visitors is expected to increase from 20-25 to 100 per day. The park is also expected to support a 20% increase in the local Lily Day festival. A marketing program has been developed with this project to publicize the upgrades to the park and to promote the opportunity for further economic development (e.g. restaurants, gift shops, etc.). The project is projected to create two permanent jobs (and 14 temporary construction jobs) and increase the total number of visitors to the park.

The HUB at Grants Mills

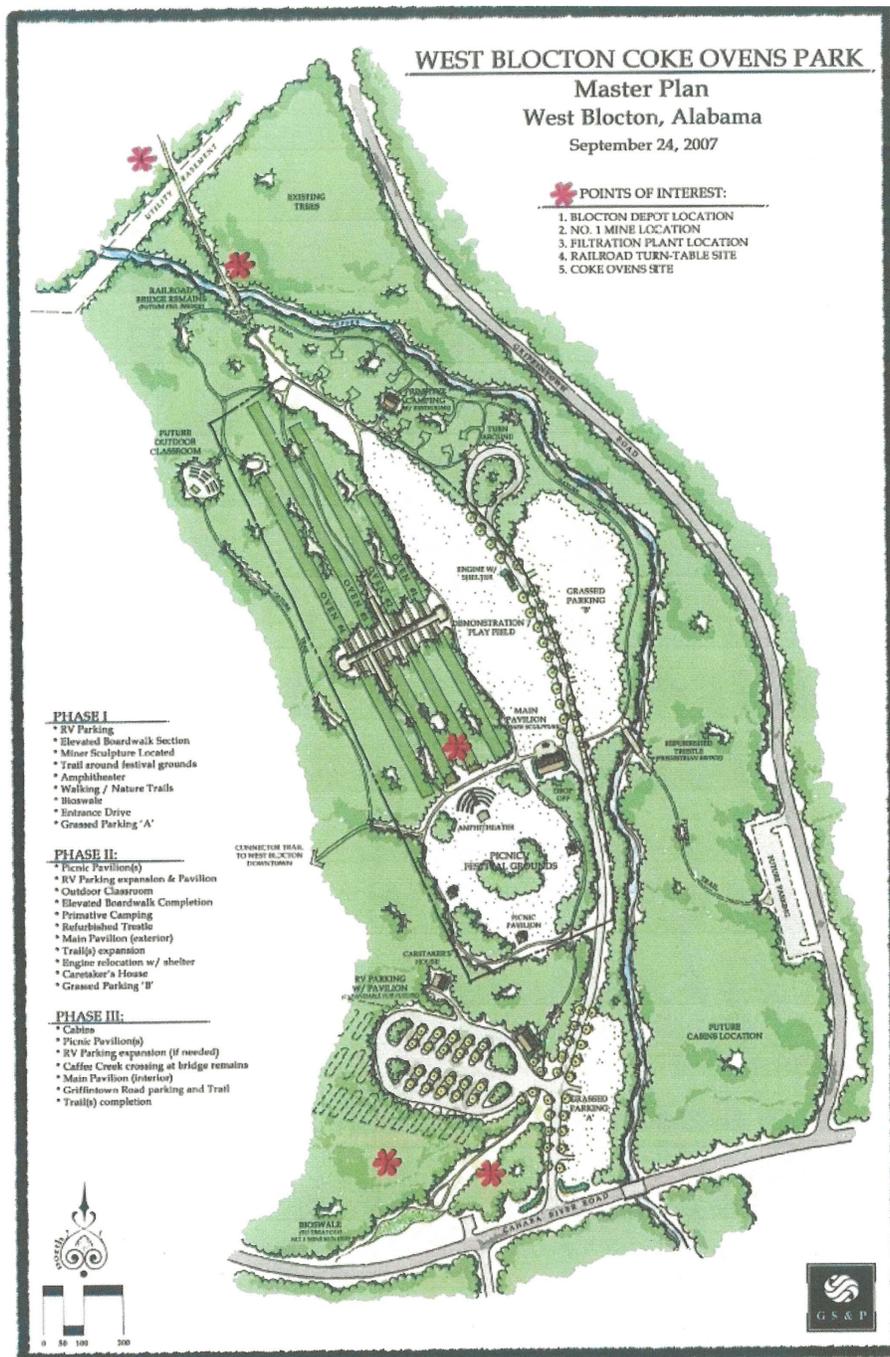
Status: Preliminary OSMRE approval (11/9/22)

Location: Jefferson County, Alabama

Requested AMLER Funding: \$7.53 million

AML Site Info: Priority 1 and Priority 2 unreclaimed and previously reclaimed

Project Partners: Caprine Engineering, Stonewood Development, Phoenix Water Resources LLC, Jefferson County, Spire, Alabama Power/Southern Company, Charter, and the City of Irondale



Proposed Design for the West Blocton Coke Oven Park

This project will prepare 17 acres (as part of a 50-acre tract) for future development of businesses. AMLER funds will be used to create five building pads, add parking lots, and extend over 1,000 linear feet of sewer, water, and storm drainage lines. Any remaining AMLER funds would go toward the second phase of this project which will develop the remaining 33 acres and further extend the infrastructure into that portion of the property. When completed, the HUB could be to serve as a state-of-the-art campus that provides meaningful employment for adults with disabilities. Businesses that could utilize the site include a storage facility, trade school, non-profits, restaurants, car wash, and office space. The future development is expected to create jobs and stimulate the local economy.

FY 2021 Ohio

As of November 30, 2022, Ohio had selected and submitted one project to OSMRE to confirm the project's eligibility using a portion of its \$25 million FY 2021 AMLER grant. The project has received preliminary approval from OSMRE and is currently active. Located in Morgan County, Ohio (*Figure 47*), the active FY 2021 AMLER project is a point-of-interest/tourism project that will create long-term economic benefits in the local community in terms of attracting visitors and constructing 61,270 linear feet of utility lines. In addition, the AMLER project has the potential to leverage an additional \$0.94 for every \$1 of AMLER funding local economic development funds. Additional information on the Ohio AML Program can be found through the [Ohio Department of Natural Resources - Division of Mineral Resources](#).

Project Submitted to OSMRE PSD Requesting FY 2021 AMLER Funds

Jesse Owens State Park

Status: Preliminary OSMRE approval (10/24/22)

Location: Morgan County, Ohio

Requested AMLER Funding: \$6.53 million

Additional Funding: \$23.563 million from project partners (including \$5.563 million from IJJA AML funds to address physical hazards and \$18 million from ODNR).

AML Site Info: Priority 2 and Priority 3 unreclaimed

Project Partners: ODNR Division of Parks and Wildlife



Jesse Owens State Park

This project will reclaim abandoned mine lands and upgrade existing campground facilities and recreation areas within the Jesse Owens State Park and Wildlife Area (managed by the Ohio Department of Natural Resources [ODNR]). AMLER funds will be used to extend the public water supply 8.5 miles to the park (including pump stations and a water storage tank), modify two earthen dams for easier maintenance and reduce risks to downstream properties, upgrade 16,390 linear feet of access road to allow for two lane traffic, and install small boat launches along access road. IJA funds will be utilized to reclaim two highwalls (totaling 12,613 linear feet) that are within 100 feet of a campground. ODNR funds will further develop additional water, sewer, electricity, and internet lines, 63 RV pads, shower house, check-in building, ten cabins, and a nature center. The improvements made by this project are expected to increase the number of visitors to the park (4,922 in 2021).

FY 2021 Virginia

As of November 30, 2022, Virginia has not submitted FY 2021 AMLER project applications to OSMRE for preliminary approval review.

FY 2021 Crow Tribe

As of November 30, 2022, the Crow Tribe has not submitted FY 2021 AMLER project applications to OSMRE for preliminary approval review.

FY 2021 Hopi Tribe

As of November 30, 2022, the Hopi Tribe has not submitted FY 2021 AMLER project applications to OSMRE for preliminary approval review.

FY 2021 Navajo Nation

As of November 30, 2022, the Navajo Nation has not submitted FY 2021 AMLER project applications to OSMRE for preliminary approval review.

X. Implementation of the FY 2022 AMLER Program

On May 9, 2022, OSMRE notified eligible states and Tribes of their FY 2022 AMLER funding allocation. As of November 30, 2022, OSMRE has not awarded any FY 2022 AMLER grants. OSMRE is working with Alabama, Kentucky, Ohio, Pennsylvania, Virginia, West Virginia, the Crow Tribe, Hopi Tribe, and Navajo Nation to submit a FY 2022 AMLER grant applications.

OSMRE released the *FY 2022 AMLER Guidance Document* on November 1, 2022, which included minor adjustments from the previous year to assist states and Tribes in their selection of projects. Updates for FY 2022 referenced the significance of the Justice40 initiative on the public engagement aspect of project solicitation and selection. The guidance document also outlined general criteria by which potential projects should be evaluated for eligibility and selection, as well as suggested means by which projects could meet the economic and community development nexus criteria.

XI. Summary and Next Steps

With the continuation of the AMLER Program through FY 2023, OSMRE has seen sustained interest from public and private stakeholders in aligning economic and community development projects with the AMLER Program and expanding the scope of planned projects to leverage AMLER funding. Each state/Tribal AML Program has been encouraged to collaborate with its respective state and local economic development authorities and individual communities to identify and fund projects with the greatest potential for economic development. OSMRE has also encouraged states to work with local organizations engaged in comprehensive strategic community or regional development.

Next steps for OSMRE include incorporating input from stakeholders to ensure continued improvement in AMLER Program implementation. This will include implementing a tracking system for AMLER projects to improve transparency of and access to project status information. OSMRE will also align AMLER with related programs, initiatives, and laws, such as the BIL, Justice40, and BABA, and provide additional information and guidance as appropriate and available. OSMRE will continue to support and facilitate the success of the AMLER program to ensure realization of positive economic development and benefits in mining-impacted communities. OSMRE will also continue to produce AMLER reports that document the work that has been completed under the program.