



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

MATHER

Abandoned Mine Reclamation Project

Contract No. OSM 30(2791)102.1

Bureau of Abandoned Mine Reclamation

286 Industrial Park Road

Ebensburg, PA 15931-4119

**DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF ACTIVE AND ABANDONED MINE OPERATIONS
BUREAU OF ABANDONED MINE RECLAMATION**

**MATHER
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 30(2791)102.1**

FACT SHEET

- Location:** The project site is located within the Town of Mather in Morgan Township, Greene County. The site can be accessed from the Interstate 79 (I-79) Masontown/Waynesburg Exit No. 14 (State Route [S.R.] 21). From the end of exit ramp, travel west on East Roy Furman Highway (S.R. 21) for 0.5 miles, turn right onto Elm Drive and travel 0.5 miles to the intersection of Jefferson Road (S.R. 188). Turn right onto S.R. 188 and travel 4.6 miles northeast to the intersection of S.R. 188 and Reservoir Hill Road. Turn left and travel 0.5 miles along Reservoir Hill Road which changes names to 1st Street. The project site is located behind the intersection of 1st and 8th Streets.
- Watershed:** South Fork Tenmile Creek (WWF) and Browns Run (WWF)
- Official Start Date:** July 11, 2014
- Contract Completion Date:** To Be Determined – Original Date was February 4, 2016*
*Contract has been extended into the spring/summer of 2016 to allow for optimal revegetation conditions.
- Contractor:** Berner Construction, Inc.
- Property Owners:** Greene County Industrial Development Authority
93 East High Street, Room 215
Waynesburg, PA 15370
- Project Cost:** \$1,533,833.18 (Final Amount)*, \$1,592,773 (Bid Amount)
*In a co-operative agreement with the Pennsylvania Department of Conservation of Natural Resources (DCNR), DEP-BAMR contributed an additional \$2,000,000 of AML funding towards the \$8,032,500 total cost to remove and transport 252,000 cubic yards of soil covering material from DCNR’s Ryerson Station State Park Duke Lake Dredging Project. The total cost of DCNR’s project was \$10,401,280.62 to remove lake soil material and improve the hydraulic storage capacity of the lake for a proposed dam rehabilitation project. This co-operative agreement between DEP-BAMR and DCNR was a “Win-Win” for the state of Pennsylvania to reduce both project costs and the beneficial cost effective reuse of the certified lake soil material.

Project Area:

70 Acres of combined dangerous abandoned mine lands that is comprised of 55 acres of dangerous pile embankment (DPE) and 15 acres of surfacing burning (SB) material.

Purpose:

To eliminate eligible abandoned mine public health and safety hazards that are located within close proximity to places of intense visitation of humans.

Description:

The 70-acre Mather dangerous abandoned mine land pile condition was eliminated by regrading the pile to a stable condition along with the placement of soil covering material of up to two feet thick to promote excellent revegetation. For decades, the presence of the eroding unstable dangerous pile and coal burning fumes/smog have negatively impacted the public health, safety, and air quality of over fifteen residential structures that are located within 500 feet of the site. Intense site visitation was evident by the existence of foot paths and all-terrain vehicle (ATV) trails scattered throughout the pile. Located along a 3,000 foot perimeter segment of the South Fork Tenmile Creek, extremely dangerous eroded gorges (up to twenty five feet deep) had conveyed highly acidic refuse deposits into the watercourse. The covering and revegetation of the pile has reduced the highly acidic aluminum contaminate that had previously poured into the South Fork Tenmile Creek during every precipitation event. Additionally, a 325 foot long by 50 foot wide stream bank area of the creek was reconstructed with rock armoring to stabilize the base of the pile and to improve the creek's hydraulic floodway capacity. Now that the pile is stabilized and revegetated, the Greene County Industrial Development Authority will develop the site for recreational uses as a park containing multi-purpose athletic fields. If the site is not developed as a park, the authority's second plan is to redevelop the site for industrial use. These dangerous abandoned mine features were located within Problem Area 2791 (PA 2791), which is referenced within the Mather 7.5 Minute USGS Quadrangle Maps. This dangerous condition was a direct result of deep mining performed prior to 1964 by the Picklands Mather Company's operation of the Mather Mine. During the operation of the Mather Mine in 1928, one of the deadliest mining disasters in United States History occurred at the site that claimed the lives of 195 miners. These dangerous abandoned mine features qualified for the Office of Surface Mining's (OSM's) Priority 2 safety criteria.

Funding:

Pennsylvania's Abandoned Mine Land Grant and Pennsylvania Growing Greener Funds

Project Management:

Bureau of Abandoned Mine Reclamation
Cambria District Office
814.472.1800

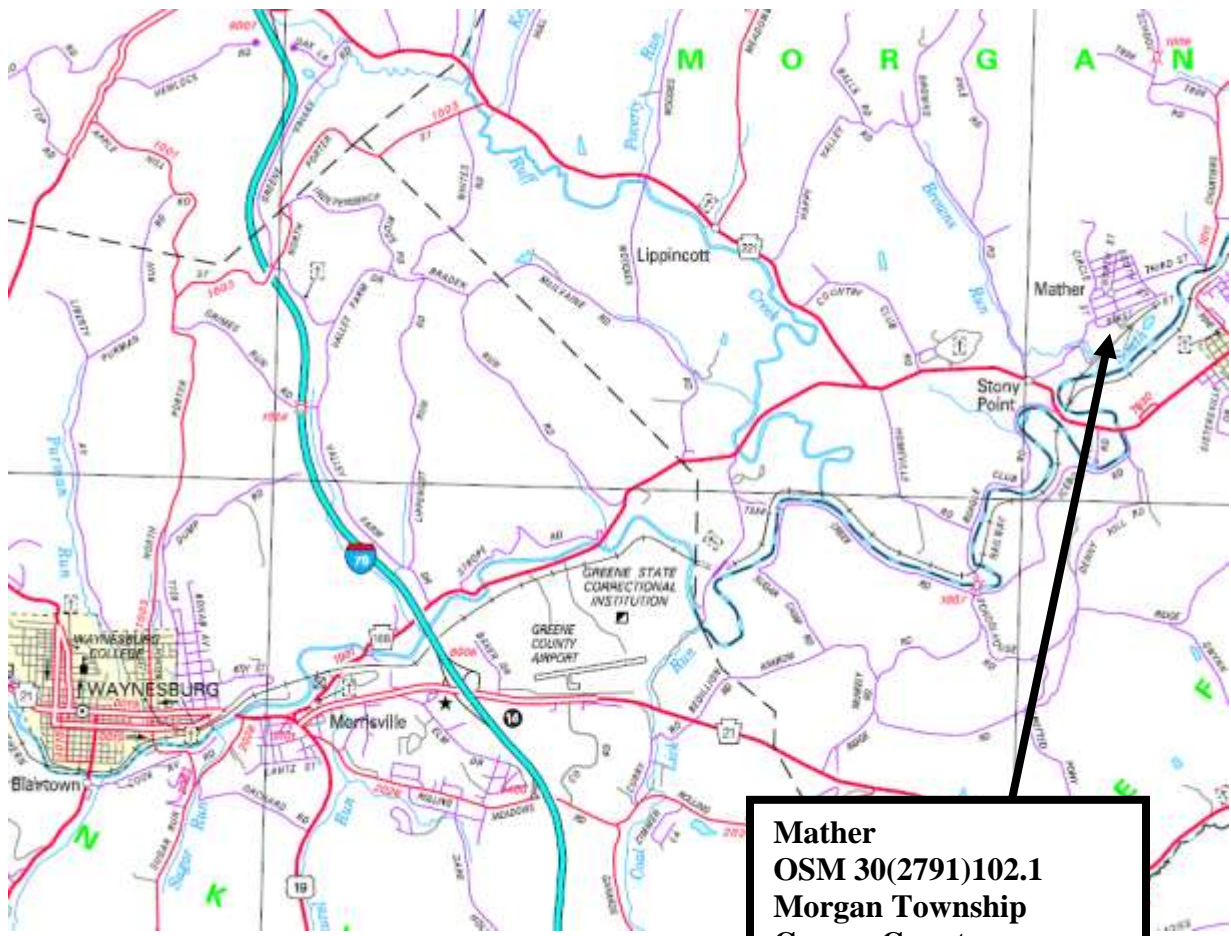
Accomplishments:

PRIORITY	AMLF #	AMLF KEYWORD	MEASUREMENTS					QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.		
2	2791-01	SB	15	-	-	-	-	15	ACRES
2	2791-06	DPE	55	-	-	-	-	55	ACRES

AMLF = Abandoned Mine Land Feature
SB= Surface Burning
DPE= Dangerous Pile Embankment

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Location Map



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Pre-Construction

DCNR's Ryerson Station State Park Duke Lake Dredging Project, Richhill Township, Greene County



Outside face of dam.



Excavated soil material.

DEP-BAMR's Mather Dangerous Pile Regrading/Soil Covering Project



Base of pile impacting the South Fork Tenmile Creek.



Typical eroded refuse gorge.

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Pre-Construction



Terraced face above creek facing southwest.



Terraced face above creek facing northeast.



Base of pile of its southern face.



Top of pile of its southern face.

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During Construction



Grading of soil covering material on terraced face above creek facing southwest.



Grading of soil covering material on terraced face above creek facing northeast.



Grading of soil covering material along southern face.



Grading of soil covering material along southern face.

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Post-Construction



Terraced face above creek facing southwest.



Terraced face above creek facing northeast.



Southern face.



Southern face.

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Post-Construction

Aerial obliques



Terraced face and stormwater controls above creek.



Terraced face, stormwater controls above creek and rock armoring.



Terraced face and stormwater controls above creek.



Terraced face and stormwater controls above creek.