

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

BOSWELL NORTH Abandoned Mine Reclamation Project Contract No. OSM 56(1489)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

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FACT SHEET

Location: The project site is located in Boswell Borough, Somerset County.

The site can be accessed from the United States traffic route 219 (U.S. 219) Jerome exit with Pennsylvania state route PA 601. After exiting U.S. 219, travel along PA 601 for approximately five miles south towards Boswell. The project site is located near the

intersection of PA 601 and Cessna Hill Road.

Watershed: Quemahoning Creek, Cold Water Fishes (CWF)

Official Start Date: February 4, 2016

Contract Completion Date: October 27, 2016

Contractor: JBS Dirt, Inc.

Property Owners: David E. Godin Larry Hemminger

128 Colton Drive 213 Trading Post Road Stoystown, PA 15563 Stoystown, PA 15563

Project Cost: \$371,844.61 (Final Amount), \$371,010 (Bid Amount)

Project Area: 10 Acres

Purpose: To eliminate public health and safety concerns that arise when

dangerous abandoned mine land features were located within close proximity to areas where they pose great danger to humans. Ten inhabitable structures that promote intense public visitation were located within 500 feet of the project site. The project eliminated access to the dangerous abandoned highwall and hazardous water

body located only 150 feet from the nearest structure.

Description: The Boswell North project involved the reclamation of four (4)

pre-act abandoned dangerous highwalls at a combined length of 2,050 linear feet and one hazardous water body. A spoil area of eight acres was used to backfill the dangerous highwalls and hazardous water body. These features were located within Problem Area 1489 (PA 1489), which was found on the Boswell 7.5 Minute USGS Quadrangle AML Inventory Map. The main hazard was that one of the dangerous highwalls had encroached to within 10 feet to 15 feet of Township Road T735, Cessna Hill Road, with nothing to prevent a vehicle from going over the edge. The area was graded to approximate original contour. The project included the upgrade of the drainage course through Orenda

Historic Park. The abandoned features were a direct result of M.F. Fetterolf Coal Company who ceased their mining operations in the 1950s. Any and all unforeseen PA Code, Title 25, Chapter 105 Stream Encroachment and Chapter 102 Erosion and Sediment Control issues were addressed by the BAMR Design Unit, and any necessary permit authorizations were obtained.

Funding: Pennsylvania's Abandoned Mine Land Grant

Project Management: Bureau of Abandoned Mine Reclamation

Cambria District Office

814.472.1800

Accomplishments:

Y		AMLF KEYWORD	MEASUREMENTS						Y	
PRIORIT	AMLF#		ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW	QUANTII	UNIT
2	1489-07	DH	1	ı	350	-	-	1	350	L.F.
2	1489-08	DH		-	900	1	-	1	900	L.F.
2	1489-08	HWB	-	1	-	1	-	ı	1	COUNT
2	1489-09	DH	1	1	550	-	-		550	L.F.
2	1489-10	DH	-	-	250	-	-	-	250	L.F.
3	1489-11	SA	8	-	-	-	-	1	8	ACRES

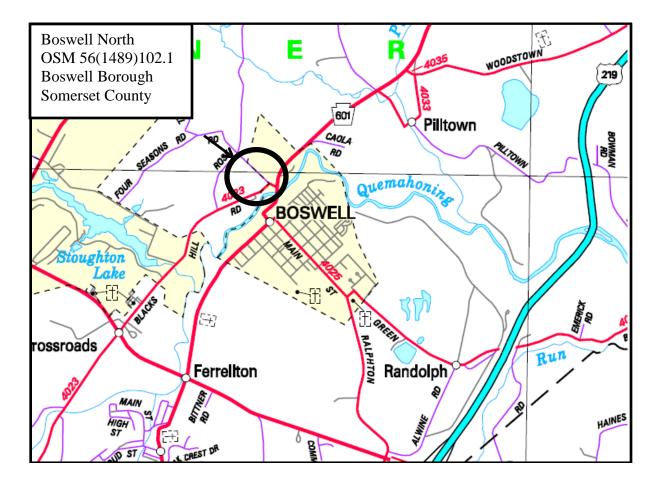
AMLF = Abandoned Mine Land Feature

DH = Dangerous Highwall HWB = Hazardous Water Body

SA = Spoil Area L.F. = Linear Feet

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Project Location Map



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Pre-Construction



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During Construction





Installing block erosion control matting through the park.

Looking from Cessna Hill Road across the site.





Installing the three 36-inch pipes under the utilities.

Looking off to the side of Cessna Hill Road.

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Post-Construction





Looking up the R-6 rip-rap channel.

Looking down from the top of site.





Plunge pool.

Block erosion block channel.