



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

BELLE VERNON BOROUGH
(GRAHAM AVE SUBSIDENCE)
Abandoned Mine Reclamation Project
Contract No. OSM 26(2758)103.1 EMER

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**

**BELLE VERNON BOROUGH (GRAHAM AVE SUBSIDENCE)
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 26(2758)103.1 EMER**

FACT SHEET

Location: The project site is located in Belle Vernon Borough, Fayette County. The site can be accessed coming from Interstate 70 toward Belle Vernon/Monessen. Continue on I-70 to Exit 41, PA-906 toward Belle Vernon/Monessen. Turn left onto PA-906S toward Belle Vernon for approximately 0.5 miles. Turn left onto Blind Lane for 0.2 miles. Turn right onto Johnston Avenue for 0.1 miles. Turn left onto Graham Avenue for approximately 0.1 miles. The project site is located on the right at 16 Graham Avenue.

Watershed: Monongahela River, Warm Water Fishes (WWF)

Official Start Date: October 30, 2018

Contract Completion Date: November 7, 2018

Contractor: Howard Concrete Pumping Company, Inc.

Property Owners: Eleanor Kulik
16 Graham Avenue
Belle Vernon, PA 15012

Project Cost: \$88,265.50 (Final Amount), \$176,075 (Bid Amount)

Project Area: 0.10 Acres

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 Belle Vernon Borough (Graham Ave Subsidence) eliminated a 0.10-acre part of a 15-acre subsidence prone area feature. A subsidence event detailing structural damage to a single structure located at 16 Graham Avenue, Belle Vernon, PA, was reported by the property owner. This project stabilized the ground underneath the structure by drilling six holes around the perimeter of the building and injecting a pre-mixed commercially available sand/cement grout material into the mine voids below the structure. This project will prevent any further damages to the single structure. With the ground underneath and around the home stabilized, the property owner of the home can now have

structural repairs done to the home. This dangerous abandoned mine feature was located within Problem Area 2758, which is referenced within the Donora 7.5 Minute USGS Quadrangle Map. The dangerous condition was a direct result of deep mining performed prior to 1928 by the Pittsburgh Coal Company. This dangerous abandoned mine feature met the Office of Surface Mining's (OSM's) Priority 2 safety criteria. For more information, access the following internet video link:

["Watch Video"](#)

Funding:

Pennsylvania's Abandoned Mine Land Grant

Project Management:

Bureau of Abandoned Mine Reclamation
Cambria District Office
814.472.1800

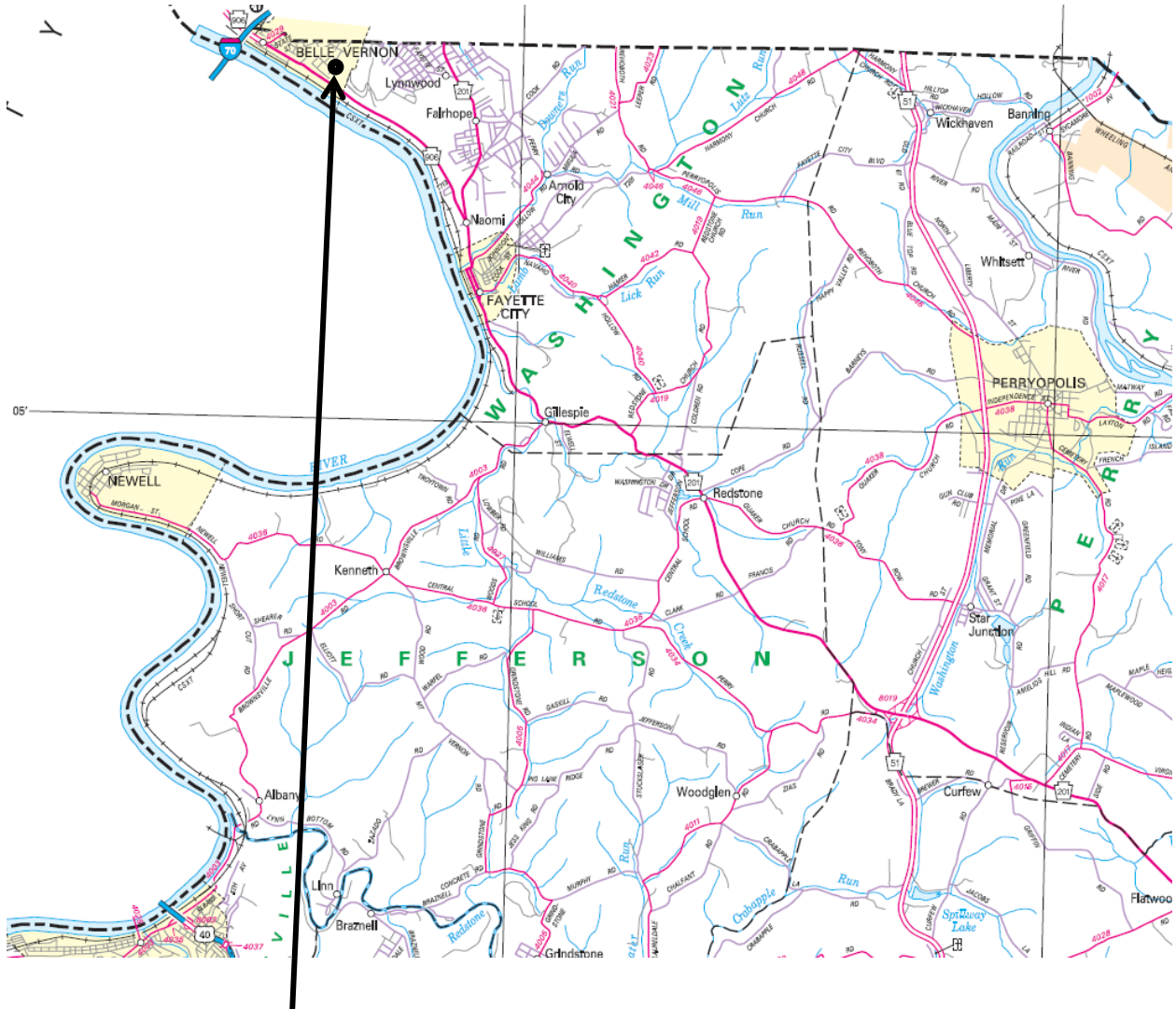
Accomplishments:

PRIORITY	AMLF #	AMLF KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
1	2758-02	S	0.1	-	-	-	-	-	0.1	ACRES

AMLF = Abandoned Mine Land Feature
S = Subsidence

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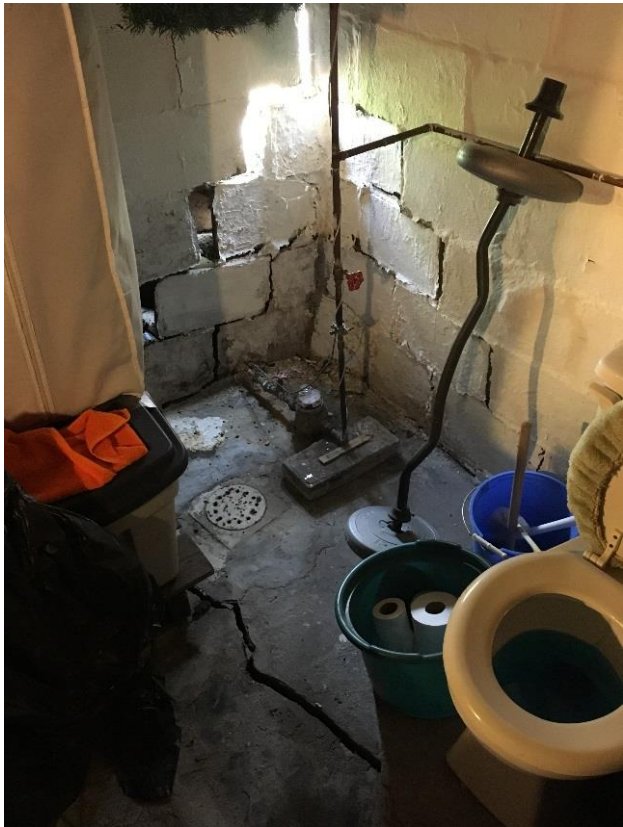
Location Map



Belle Vernon Borough (Graham Ave Subsidence)
OSM 26(2758)103.1 EMER
Belle Vernon Borough
Fayette County

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Pre-Construction



BELLE VERNON BOROUGH (GRAHAM AVE SUBSIDENCE)
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During Construction



Drilling - Front of Home



Grouting – Side of Home

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Post Construction



Front of Home



Side of Home