



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

NORTH BELLE VERNON
(GREEN STREET SUBSIDENCE)
Abandoned Mine Reclamation
Contract No. OSM 65(2553)104.1 ARBP

Bureau of Abandoned Mine Reclamation
286 Industrial Park Road
Ebensburg, PA 15931

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

NORTH BELLE VERNON
(GREEN STREET SUBSIDENCE)
ABANDONED MINE RECLAMATION
CONTRACT NO. OSM 65(2553)104.1 ARBP

FACT SHEET

Location: North Belle Vernon Borough, Westmoreland County

Official Start Date: December 11, 2012

Contract Completion Date: January 9, 2013

Contractor: Howard Concrete Pumping

Property Owners: Deare M. Kametz,
Fred E. Freeman,
and Celementina R. Freeman
631 Green Street
North Belle Vernon, PA 15012

Project Cost: \$135,262.50 (Final), \$126,660.00 (Bid Amount)

Project Area: 0.2 Acres

Purpose: The scope of the North Belle Vernon (Green Street Subsidence) Project was to reclaim one (1) Priority 2 sag subsidence feature, AMLF No. 2553-13 (S), which was over the Pittsburgh Coal Seam located under the Freeman property at 631 Green Street, North Belle Vernon, PA. A site visit on November 28, 2012 found settling and damage to the Freeman property, in which the settling and damage to the property was ongoing. Four (4) inhabitable structures that promote intense public visitation are located within 500 feet of the project site. The ground underneath one structure that presented continued mine subsidence was stabilized eliminating the past subsidence event.

Description: An Accelerated Response Bituminous Project (ARBP) to stabilize the Freeman property within North Belle Vernon Borough was performed. This project stabilized the Freeman property by injecting a pre-mixed commercially available sand/cement grout material into the mine voids below the property, which was delivered by a ten cubic yard cement truck. It was estimated that 30 truckloads were needed. The grout was injected into the mine through boreholes drilled within the property. AMLF No. 2553-13 (S) is a Priority 2 feature associated with the Pittsburgh Coal Company's Somers No. 1 abandoned deep mine that ceased operation prior to 1940.

Funding:

This project was financed through Pennsylvania's Federal Abandoned Mine Land (AML) Grant funded by the coal industry via fees paid on each ton of coal mined.

Project Management:

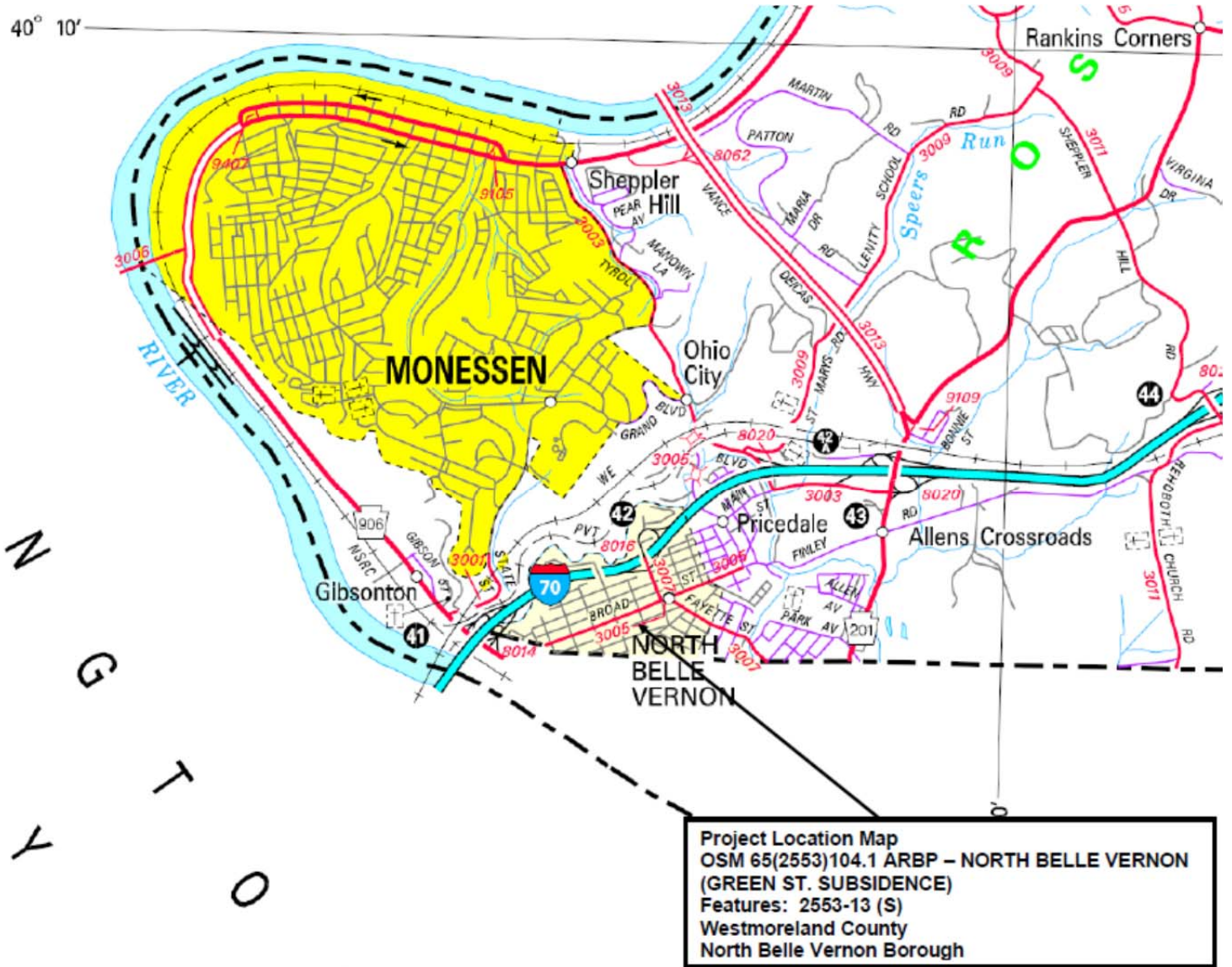
Bureau of Abandoned Mine Reclamation
Cambria District Office
814.472.1800

Accomplishments:

PRIORITY	AMLF No.	AMLF KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
2	2553-13	S	0.2	-	-	-	-	-	0.2	ACRES

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Project Location Map



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Pre-Construction



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During Construction



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Post-Construction

