



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

FAIRHOPE (KOSLASKY DRIVE SUBSIDENCE)
Abandoned Mine Reclamation Project
Contract No. OSM 26(2757)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**

**FAIRHOPE (KOSLASKY DRIVE SUBSIDENCE)
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 26(2757)103.1 EMER**

FACT SHEET

Location: The project site is located in Washington Township, Fayette County. The site can be accessed from Interstate 76 West (I-76W), Exit 75 for I-70W toward Wheeling for 13 miles. Take Exit 44 toward Arnold City. Turn left onto State Route 3011 (SR-3011). Turn right onto Finley Road. Turn left onto Rehoboth Road for 1 mile. Turn right onto Cook Road for 1.2 miles. Turn left onto Perry Road/Perry Avenue. Turn right onto Koslasky Drive. The site is located on the left.

Watershed: Monongahela River and Unnamed Tributary (UNT) Monongahela River, Warm Water Fishes (WWF)

Official Start Date: July 19, 2021

Contract Completion Date: September 20, 2021

Contractor: Howard Concrete Pumping Company, Inc.

Property Owners:

Diana Remiszewski 210 Koslasky Drive Bell Vernon, PA 15012	Caroline and Joseph Melvin 214 Koslasky Drive Bell Vernon, PA 15012
Thomas Hall 404 Perry Avenue Bell Vernon, PA 15012	Barbara Roach 405 Jacobs Street Bell Vernon, PA 15012

Project Cost: \$465,320.00 (Bid Amount), \$681,316.20 (Final Amount)

Project Area: 2.0 Acres

Purpose: To eliminate public health and safety concerns on abandoned mine land (AML) and are in close proximity to high foot traffic areas.

Description:

The Fairhope (Koslasky Drive Subsidence) emergency project involved one Priority 1 Subsidence (S), Abandoned Mine Land Feature, located in Washington Township, Fayette County. This was an existing Priority 1 feature in Problem Area No. 2757 (PA 2757 and referenced on the Fayette City 7.5 Minute USGS Quadrangle Map. During the July 4, 2021 holiday weekend, Mine Subsidence Insurance received notification of a possible mine subsidence event in Belle Vernon, PA. The Department’s Bureau of Abandoned Mine Reclamation was notified of the event and investigated the incident on July 6, 2021. Of the four homes impacted by the subsidence event, two sustained significant structural damage. The impacted structures and surrounding surfaces showed patterns consistent with mine subsidence. The incident most likely resulted from the collapse of overburden into the Tremont Mine in the Pittsburgh Coal Seam. The Monongahela River Consolidated Coal and Coke Company operated the mine approximately 140 feet beneath the surface prior to 1935. There was high potential for further damage to the area in the future. This risk represented an adverse effect on public health and safety according to criteria established by Title IV of the Surface Mining Control and Reclamation Act (SMCRA). An OSMRE-funded emergency project involved immediate corrective action to stabilize the mine workings below, thus securing the subsidence and preventing additional movement, which could potentially compromise public health and safety. Minimum reclamation work stabilized one deep mine subsidence area, which encompassed a total of four structures, by drilling multiple boreholes around the homes and injecting a flowable Portland Cement grout to backfill any remaining mine voids beneath the properties. Additional structures immediately adjacent to the impact zone and identified as high-risk to becoming affected by subsidence were stabilized during the drilling and grouting process as necessary. Monongahela River Consolidated Coal and Coke Company ceased mining operation prior to 1935. Due to the high potential for additional damage, this risk represents an adverse effect on public health and safety according to criteria established by Title IV of the SMCRA.

Funding:

Pennsylvania’s Abandoned Mine Land Grant

Project Management:

Bureau of Abandoned Mine Reclamation, Cambria District Office, 814.472.1800

Attachments:

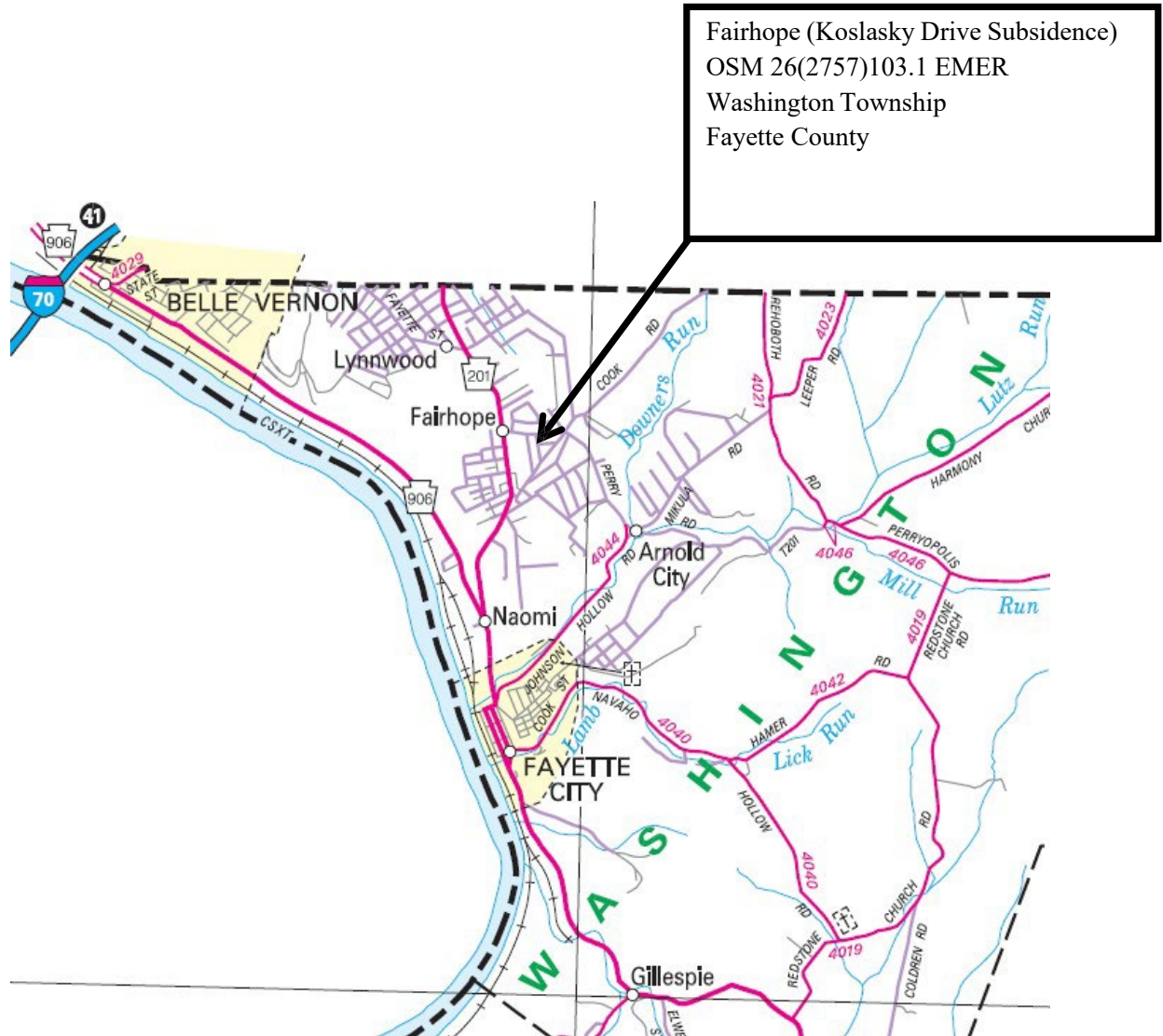
PRIORITY	AML#	AML# KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
1	2757-01	S	2.0	-	-	-	-	-	2.0	ACRES

S = Subsidence

The project included drilling and sealing 21 boreholes at 4 structures. Approximately 3,505 tons of grout was injected into the abandoned mine workings.

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Location Map



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Pre-Construction



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Pre-Construction



FAIRHOPE (KOSLASKY DRIVE SUBSIDENCE)

During Construction



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Post Construction

