



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

HAZLETON AIRPORT
Abandoned Mine Reclamation
Contract No. OSM 40(3211)101.1

Bureau of Abandoned Mine Reclamation
2 Public Square, 5th Floor
Wilkes-Barre, PA 18701-1915

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

HAZLETON AIRPORT
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 40(3211)101.1

FACT SHEET

Location: The site is located at the intersection of Route 309 and the Airport Beltway, and is approximately 1.5 miles north of Hazleton. LAT. (40° 59' 38.44") LONG. (-75° 59' 17.42") (from ArcMap). Hazleton, PA Quad. Site is in Hazle Township, Luzerne County.

Watershed: Nescopeck Creek, Trout Stocking Fishes (TSF) & Migratory Fishes (MF)

Official Start Date: June 18, 2015

Contract Completion Date: June 31, 2017

Contractor: James T. O'Hara, Inc.
Covington Township, PA

Property Owners: Pasco Schiavo, McCarthy Tire Service Co., Consolidated Lands, Inc., Frank Tedesco, Brian and Ellen Farleigh

Project Cost: \$4,092,648 (Bid Amount); \$4,073,413.14 (Final Amount)

Project Area: 67 acres

Purpose: To eliminate public health and safety hazards by excavating, backfilling and grading abandoned mine lands in Hazle Township, Luzerne County.

Description: Including two borrow sites, 67 acres of abandoned mine lands were reclaimed. Approximately 1500 feet of dangerous highwall was reclaimed which was considered a priority 1 hazard due to the highwall height of 100 feet and the close proximity to residential and commercial property. The project also eliminated 14 acres of inventoried dangerous spoil piles and embankments, with the material being utilized in backfilling the highwall and associated strip mine pit.

A dearth of material in these immediately adjacent spoil piles required material to be acquired from borrow sites. The first borrow site required coordination with the Blaschak Coal Corp. to

allow BAMR to remove all of the spoil material piled at the Penny’s Bank (SMP #40840202) mining permit area, conditionally upon BAMR regrading and revegetating all of the area affected to the satisfaction of the DEP Pottsville District Mining Office. The second borrow site required coordination with Glenn O. Hawbaker, Inc. to remove spoil material piled at the Latimer Basin (SMP #40930102) mining permit area, conditionally upon BAMR regrading and revegetating all of the area affected to the satisfaction of the DEP Pottsville District Mining Office. In all, approximately 717,000 of the total 1.1 million cubic yards of material needed to complete reclamation were safely transported from the borrow areas across Route 309 in coordination with PA DOT.

Local storm water runoff conditions required the design to include a significant runoff retention feature, and a retention/infiltration basin with several rock-lined ditches had to be constructed where a portion of the mine pit was being backfilled. Furthermore, to achieve the final grades in the pit area, almost 50,000 cubic yards of bedrock had to be ripped and moved. The ripped material, along with segregated granular materials from the spoil and borrow, was placed in the pit area beneath the intended retention basin to facilitate storm water infiltration.

These dangerous abandoned mine features were located within Problem Area 3211 (PA 3211) which is referenced within the Hazleton 7.5 Minute USGS Quadrangle Map. This hazardous condition was a direct result of surface mining performed prior to 1929 by Pardee Brothers mining the Mammoth Coal Seam. Storm water drainage ditches were constructed and the completed project area was seeded with a grass and legume mix.

Funding:

Pennsylvania’s Abandoned Mine Land Grant

Project Management:

Bureau of Abandoned Mine Reclamation
 Wilkes-Barre District Office
 570.826.2371

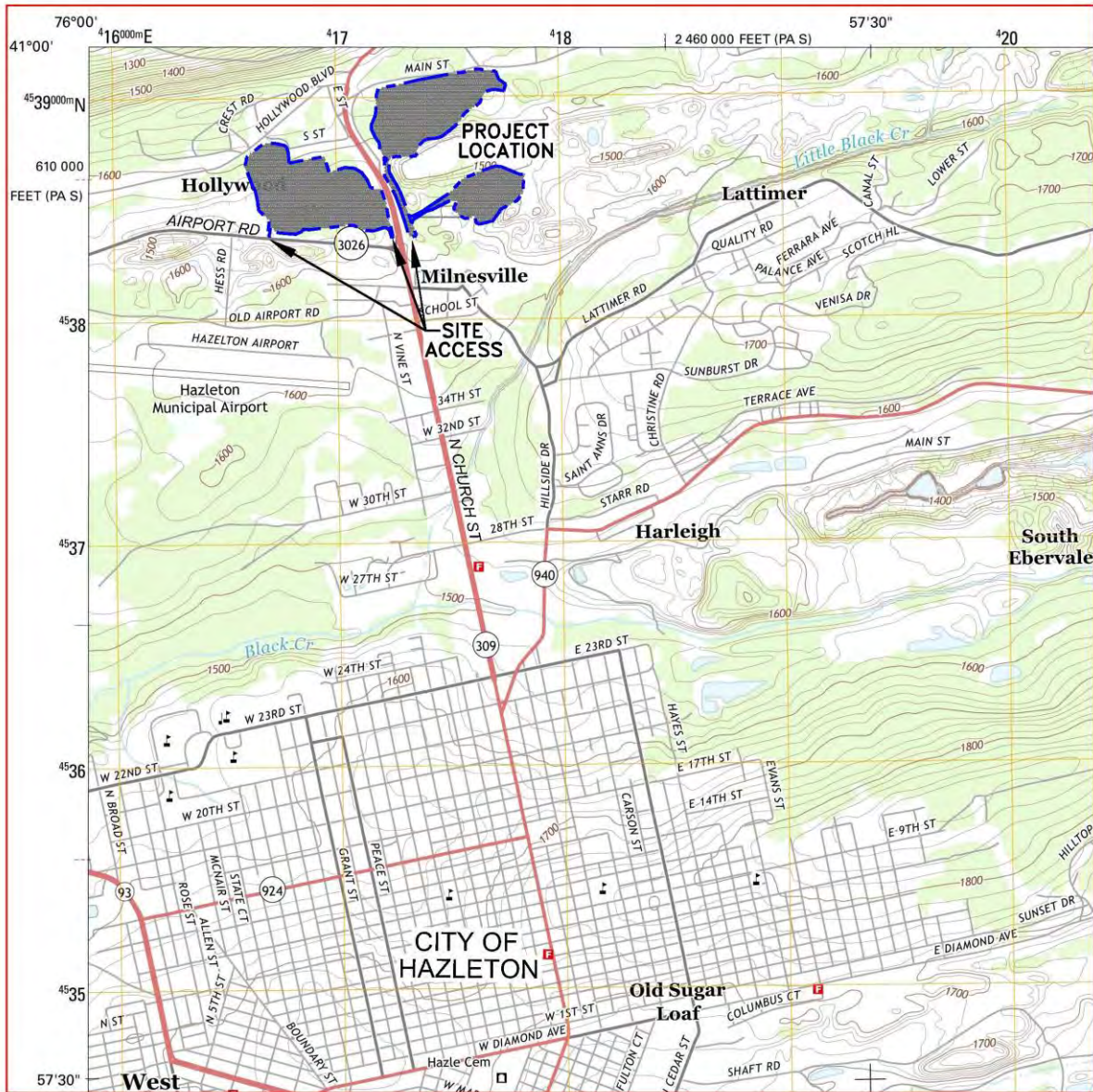
Accomplishments:

PRIORITY	AMLF #	AMLF KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
1	1	DH	-	100	1500	-	-	-	-	
2	11	DPE	14	-	-	-	-	-	-	

AMLF = Abandoned Mine Land Feature

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Location Map



VICINITY MAP
USGS HAZLETON QUADRANGLE MAP
SCALE 1 IN. = 2000 FT.

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Aerial Photo



HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Pre-Construction



Photo of Dangerous Highwall #1 looking to the west.



Photo of Dangerous Highwall #1 looking north at northern highwall.
Part of Dangerous Pile Embankment#11 is visible on top of highwall.

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Pre-Construction



Photo of Dangerous Highwall #1 looking to east.



Looking south at Borrow areas, Grading Area #3 and #4

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1
During Construction



Photo of Dangerous Highwall #1 looking to west.



View easterly at abandoned strip pit partially reclaimed.

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

During Construction



Backfilling of Dangerous Highwall #1 looking northwest.



View south at excavation of Grading Area No.3.

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

During Construction



Photo of Dangerous Highwall #1 looking to the east.



Looking south at Borrow areas, Grading Area #3 and #4

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Post Construction



Reclaimed Dangerous Highwall #1 looking southeast.



View east at Grading Area No.3.

HAZLETON AIRPORT
Contract No. OSM 40(3211)101.1

Post Construction



Reclaimed Dangerous Highwall #1 looking to the east.



Looking south at Reclaimed Borrow areas, Grading Area #3 and #4