



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

GREEN MOUNTAIN
Abandoned Mine Reclamation Project
Contract No. OSM 40(3219)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**

**GREEN MOUNTAIN
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 40(3219)101.1**

FACT SHEET

Location: The site of the work that was performed under this contract is located in Foster Township, Luzerne County, approximately 7,000 feet north of the SR940/SR2049 intersection in Freeland.

Watershed: Oley Creek, Cold Water Fishes (CWF)

Official Start Date: January 25, 2013

Contract Completion Date: January 15, 2015

Contractor: Leeward Construction, Inc.

Property Owners: Pagnotti Enterprises, Inc., Deep Woods Lake LLC, Freeland Municipal Authority

Project Cost: \$2,230,932.86 (Final Contract Amount)
\$2,086,825.00 (Bid Amount)

Project Area: 63 acres

Purpose: Eliminated public health and safety hazards by backfilling a strip pit and grading dangerous piles and embankments. Additionally, the project work reduced a significant erosion problem that affects a stream which feeds Beech Mountain Lake.

Description: The site is located within the eastern middle Anthracite Coal Field and the last mining in the area was of the Upper Lehigh mine veins prior to 1963. The site included 3 dangerous piles and embankments, 1 stripping pit, and 1 spoil pile and is frequently used by unauthorized recreational vehicles that access the site by way of the commonly used Birkbeck Street. The project consisted of backfilling the stripping pit and grading the piles. An unnamed tributary to Oley Creek conveyed a large amount of sediment from the site and into Beech Mountain Lake. In order to eliminate the hazards and reduce the erosion problem, 1,053,680 cubic yards of on-site material was re-graded over the 63 acre area. Rock and grass lined channels were constructed to convey storm water runoff. The site was then stabilized with a grass and legume seed mixture.

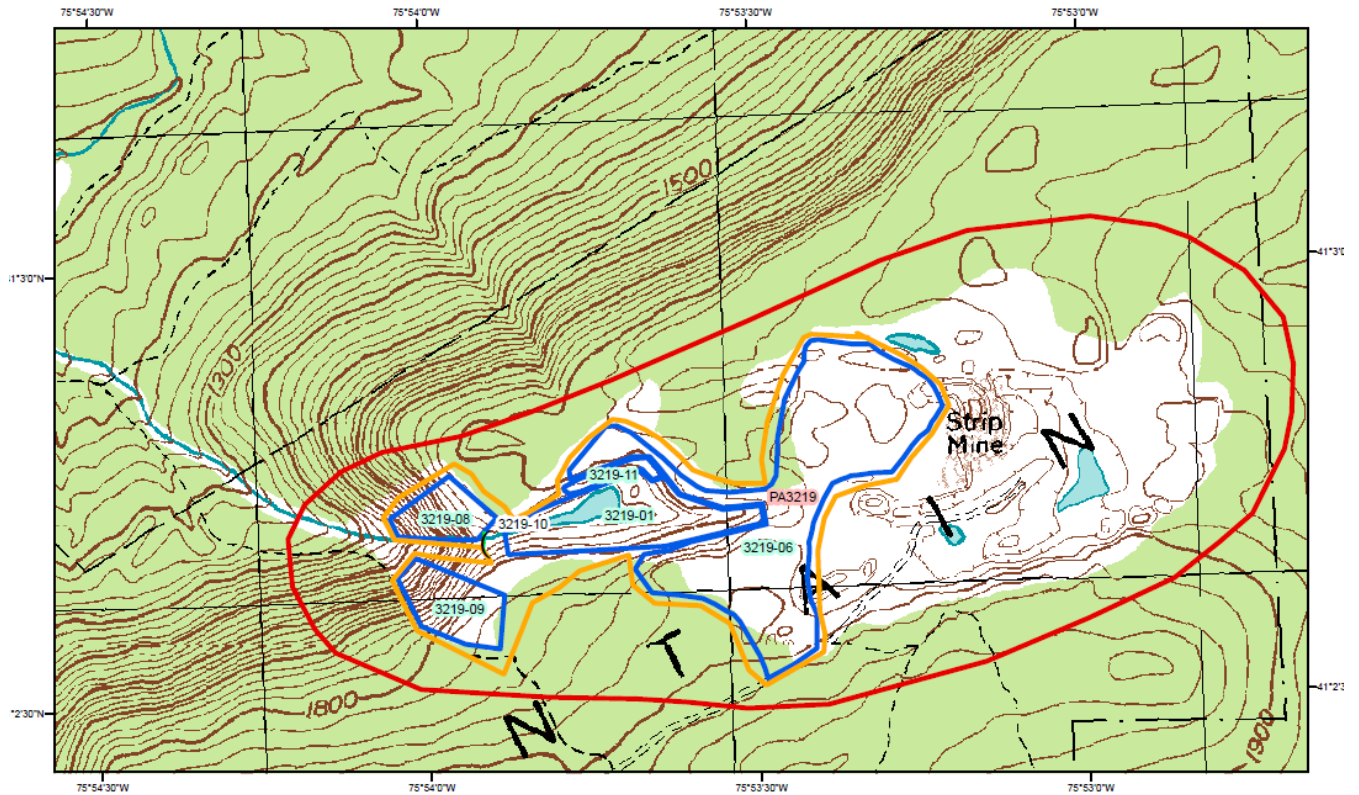
Funding:

The Growing Greener Program and the Pennsylvania's Abandoned Mine Land Grant

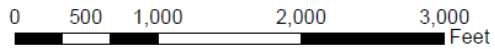
Project Management:

Bureau of Abandoned Mine Reclamation
Wilkes-Barre District Office
(Contact: Rodney Webb @ 570.830.3143)

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FOSTER TOWNSHIP
FREELAND QUAD
LUZERNE COUNTY



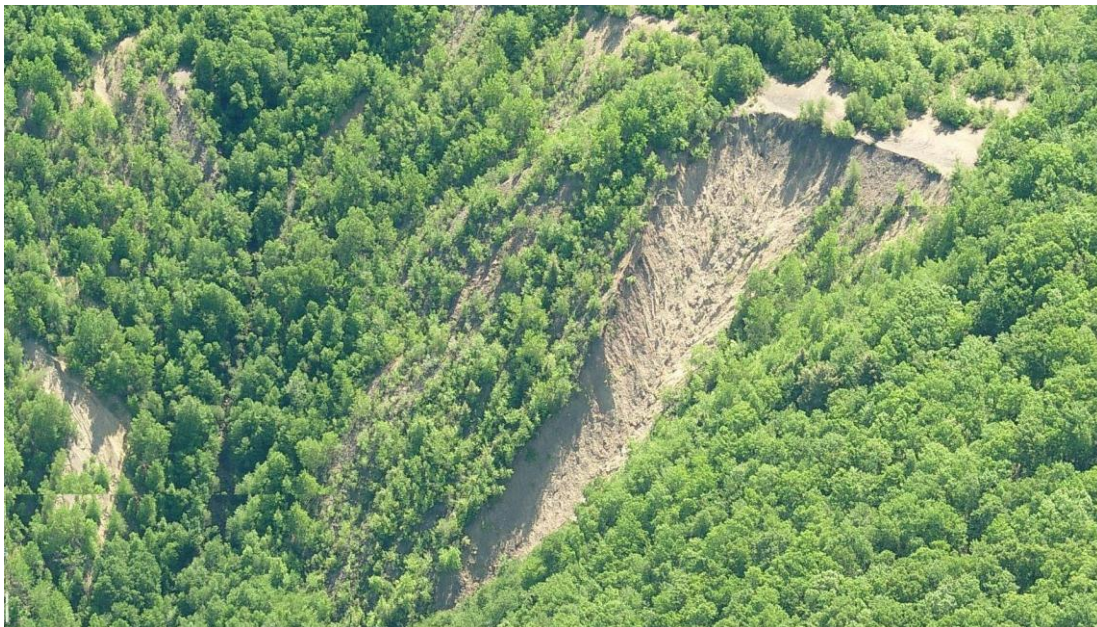
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Pre-Construction - Significant erosion from project site; Beech Mountain Lake seen in the distance



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Pre-Construction – The “Wash” - Significant erosion from project site



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Pre-Construction - Water-filled strip pit with dangerous highwall



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Pre-Construction - Water-filled strip pit with dangerous highwall (Aerial)



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Aerial Photograph of the “Wash”, During Construction



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Aerial Photograph of the “Wash”, Post Construction



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Post Construction view of Ditches 'A' and 'B' in the area of the former water filled pit shown above



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Post Construction View East along Ditch 'A'

