



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

CURRY HILL - AVONDALE
Abandoned Mine Reclamation Project
Contract No. OSM 40(2138)103.1

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

CURRY HILL - AVONDALE
ABANDONED MINE RECLAMATION PROJECT
CONTRACT NO. OSM 40(2138)103.1

FACT SHEET

Location: The project is located in the vicinity north of SR 0011 and west of Avondale Hill Road in Plymouth Township, Luzerne County. Access to the site is by way of Jersey Hill Road (T-489), which is located approximately 0.5 mile southwest from the intersection of SR 0011 and SR 1002 (Davenport Street). The site is approximately 1.4 miles west of the beginning of T-489.

Watershed: Susquehanna River (WWF)

Official Start Date: February 9, 2015

Contract Completion Date: December 29, 2017

Contractor: Earthmovers Unlimited, Inc. of Kylertown, PA

Property Owners: Commonwealth of Pennsylvania Acting By and Through the Department of Conservation and Natural Resources
Joseph W. & Michelle Yudichak
Daniel Houssouck
Susquehanna Coal Co.
Earth Conservancy, Inc.
UGI Corporation
Township of Plymouth

Project Cost: \$2,696,723.00 (Bid Amount)

Project Area: 88 Acres

Purpose: To eliminate public health and safety hazards by backfilling and grading abandoned strip pits and spoil piles.

Description: A residential area is located as close as 100 feet from the project site and the site receives high recreational use for hunting and hiking, as much of the project site is also on Pinchot State Forest land. The site was last mined on November 30, 1962 by Glen Alden Corporation. This project involved the backfilling and grading of 6,140 feet of dangerous highwall with depths ranging from 25 to 100 feet. Approximately 88 acres of abandoned strip mine land was reclaimed by grading nearly one million cubic yards of on-site material. One mine opening was backfilled and a bat gate was installed on each of three other vertical openings.

Drainage ditches convey most of the storm water to a total of nine detention ponds that were constructed on the project site. As part of open water mitigation, one of the ponds, approximately 2 acres in size, was lined with a geosynthetic clay liner and wetland plants were also planted. The project site was revegetated with a seed mixture of various grasses and legumes along with tree seed and seedlings. Through the PA Department of Agriculture's Industrial Hemp Research Pilot Program, five (5) acres of the project site is currently being utilized to research the cultivation and marketing of industrial hemp by the Pennsylvania Hemp Industry Council and Lehigh University in coordination with the PA Department of Conservation and Natural Resources.

Funding:

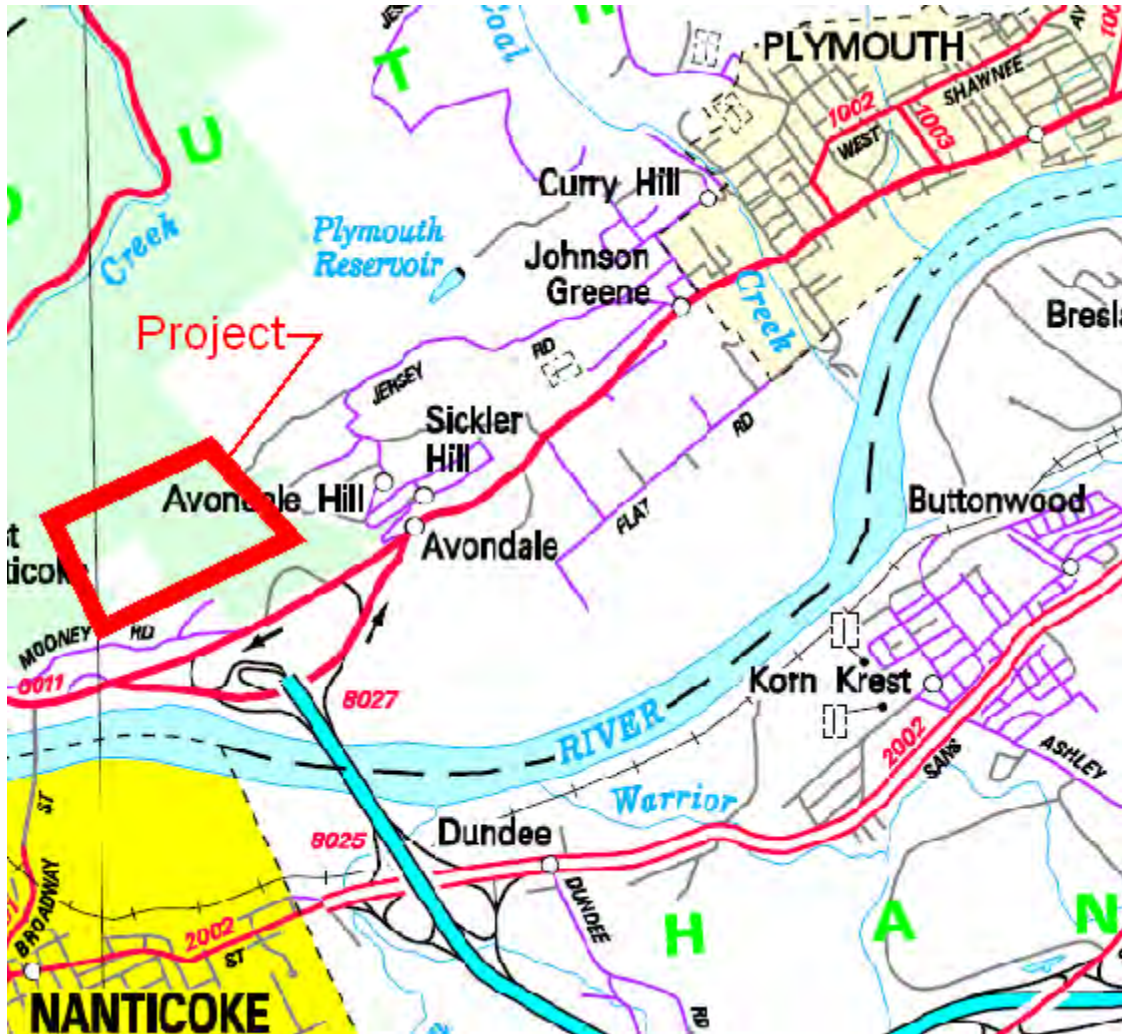
Pennsylvania's Abandoned Mine Land Grant

Project Management:

Bureau of Abandoned Mine Reclamation
Wilkes-Barre District Office
570.826.2371

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Location Map



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Pre-Construction



Dangerous highwall



Bottom rock of pit showing surface water entering pit



Mine opening



Mine opening

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During Construction



Grading Area B – Area of Pond G



Grading Area B



Grading Area B – Construction of Bat Gate



Grading Area A – Looking toward Pond C from Pond B

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During Construction



Grading Area A – Area of Pond C



Grading Area A - Installation of clay liner in Pond A



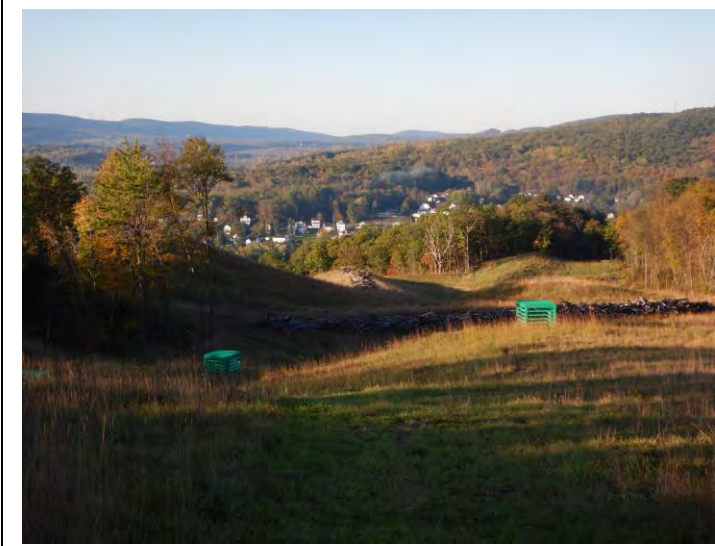
Grading Area A – Area of Pond B



Grading Area A – Construction of Rock Chimney in Pond H

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Post-Construction



Grading Area B – Bat Gates



Grading Area B – Pond E



Grading Area A – Ponds A, B, C / Grading Area B