



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

ECKLEY

Abandoned Mine Reclamation Project

Contract No. OSM 40(4650)101.1

Bureau of Abandoned Mine Reclamation

2 Public Square, 5<sup>th</sup> Floor

Wilkes-Barre, PA 18701-1915

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

ECKLEY  
ABANDONED MINE RECLAMATION PROJECT  
CONTRACT NO. OSM 40(4650)101.1

FACT SHEET

**Location:** The site is located in Foster Township, Luzerne County approximately 5 miles east of Hazleton. From Hazleton take East Diamond Avenue approximately 3 miles to Stockton Road. Then from Stockton Road continue onto Hazlebrook Road for 2 miles to the project access road on the right.

**Watershed:** Hazle Creek, High Quality Cold Water Fisheries (HQ-CWF)

**Official Start Date:** November 17, 2016

**Contract Completion Date:** May 4, 2018

**Contractor:** Brdaric Excavating, Inc., Luzerne, PA

**Property Owners:** Butler Enterprises, Inc                      Cabot Corporation, Inc  
Hazleton, PA    Boston, MA

**Project Cost:** \$1,667,223.25 (Bid Amount)  
\$1,737,232.85 (Final Amount)

**Project Area:** 62 acres

**Purpose:** To eliminate public health and safety hazards by excavating, backfilling and grading abandoned mine lands and to reestablish two stream channels.

**Description:** The project involved the reclaiming of 7.2 Acres of Pits and 1,892 feet of dangerous highwalls ranging in depth from 40 to 50 feet, as well as the reconstruction of 3,000 feet of stream channel. In total, 437,118 cubic yards of on-site material was excavated and graded. The project constructed a 1 acre wetland and a 2 acre water body. Fish were transported from an existing water body to the created water body. The project area was seeded with grasses, legumes and tree seed mixes. Wetland plantings were also installed and a portion of the work was seeded with milkweed to benefit the monarch butterfly.

**Funding:** Pennsylvania's Abandoned Mine Land Grant

**Project Management:** Bureau of Abandoned Mine Reclamation  
Wilkes-Barre District Office  
(Contact: Victor Gazella II @ 570.830.3144)

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**Location Map**



**OSM 40(4650)101.1 Eckley**  
**Foster Township**  
**Hazleton and Weatherly Quads**  
**Luzerne County, Pennsylvania**



**Legend**

 Project\_Area\_PA4650



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**Pre-Construction**



Existing stream to be reestablished to the surface



Pit with Dangerous Highwalls



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**During Construction**



Pit being graded

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**During Construction**



Rock Lining Ditch G



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**During Construction**



Installing Ditch G

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Grading south of proposed wetland



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**Post Construction**



Constructed Wetland

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**Post Construction**



Ditch A