



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

CLINTON SOUTHEAST  
PIT RADAR TOWER SPOIL FIRE  
Abandoned Mine Reclamation Project  
Contract No. OSM 02(0351)102.1

Bureau of Abandoned Mine Reclamation  
Rachel Carson State Office Building, 13<sup>th</sup> Floor  
400 Market Street  
Harrisburg, PA 17101

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

**CLINTON SOUTHEAST  
PIT RADAR TOWER SPOIL FIRE  
ABANDONED MINE RECLAMATION PROJECT  
CONTRACT NO. OSM 02(0351)102.1**

**FACT SHEET 1 of 2**

**Location:** The site is located approximately 1,000 feet southwest of the Pittsburgh International Airport's runways in an area bounded on three sides by US Route 30, PA Route 576, and I 376. From downtown Pittsburgh take I 376 toward the airport, and take Exit 56 to McClaren Road. Turn left and proceed 1.3 miles, then continue 1.5 miles on Main Street. Turn slight right on U.S. 30 West. Take 2nd right on Cummings Road (Gate QQQ). Proceed 0.8 miles, then turn left on access road (Emperial Point Road) and proceed for 0.4 miles to the site. U.S.G.S. 7.5 minute Topographic Quadrangle Map: Clinton, PA. LATITUDE 40° 28' 28", LONGITUDE -80° 15' 52"

**Watershed:** Ohio River watershed, (Montour Run, Unnamed Tributary)

**Official Start Date:** August 28, 2014

**Contract Completion Date:** April 6, 2015

**Contractor:** Earthmovers Unlimited, Inc., PO Box 187, Kylertown, PA 16847

**Property Owners:** County of Allegheny/Allegheny County Airport Authority  
Landside Terminal, 4<sup>th</sup> Floor Mezz.  
PO Box 12370  
Pittsburgh, PA 15231-0370

**Project Cost:** \$1,294,159.80 (Final Amount); \$1,454,820.00 (Bid Amount)

**Project Area:** 12.2 Acres

**Purpose:** To eliminate public health and safety hazards caused by a subsurface fire burning in abandoned coal mine spoil piles and by a dangerous highwall adjacent to the burning spoil materials. Smoke from this fire threatens visibility for air and road traffic. The fire poses a continuing risk to a nearby airport radar facility, to a major underground gas pipeline, and to surrounding forest resources, infrastructure, and inhabitants, should it continue to burn and spread to the 240 acres of mine spoil materials contiguous to the current site.

This project follows on the completion of a 2012 accelerated response project, under Contract No. OSM 02(0351)101.1, that completed an isolation trench. The trench currently provides a temporary barrier to the fire spreading beyond its present location, while this project is undertaken.

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**FACT SHEET 2 of 2**

**Description:**

The project involved excavating approximately 430,000 cubic yards of mine spoil and extinguishing all the burning materials, backfilling approximately 1,400 feet of combined highwall and trench, grading the entire site to stable grades, reconstructing a gravel access road across the site, and cultivating an herbaceous cover to resist erosion.

The project reclaimed approximately 12.2 acres in the Ohio River watershed (Montour Run, Un-named Tributary).

**Funding:**

Pennsylvania's Abandoned Mine Land Grant

**Project Management:**

Bureau of Abandoned Mine Reclamation  
Harrisburg Office  
717.783.2267

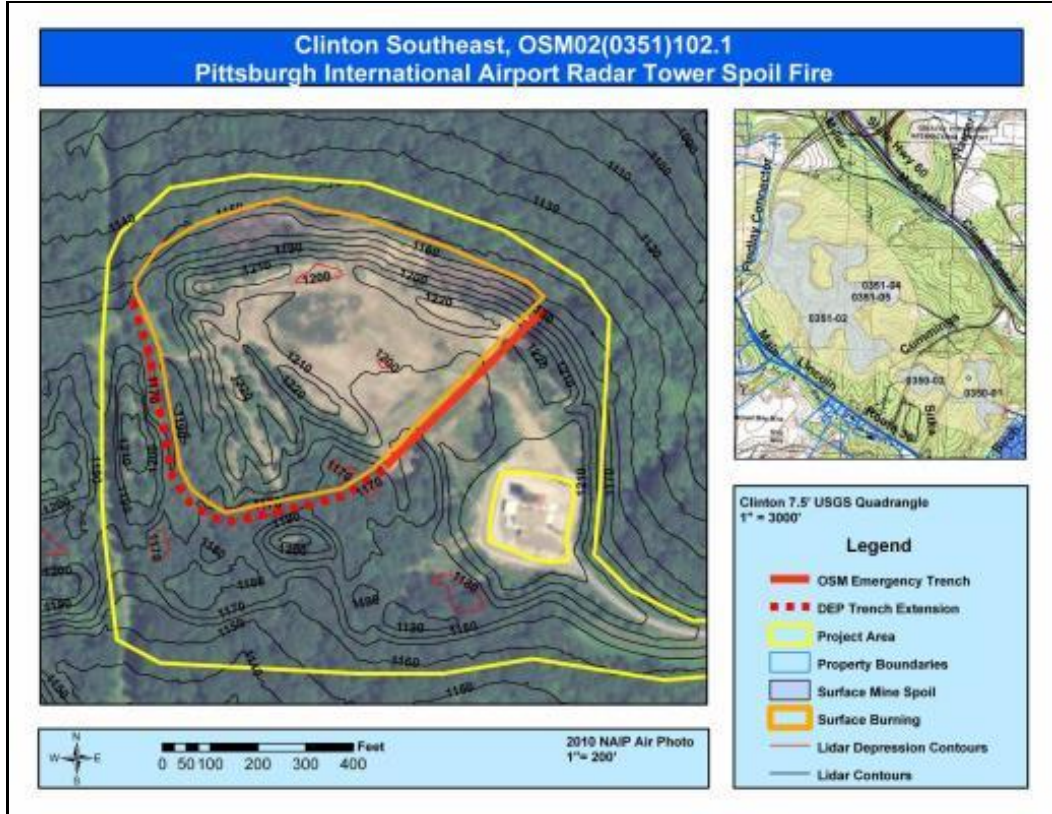
**Accomplishments:**

PRIORITY	AMLF #	AMLF KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
2	0351-4	SB	8	-	-	-	-	-	8	Acres

AMLF = Abandoned Mine Land Feature  
SB = Surface Burning

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Location Map



PIT RADAR TOWER SPOIL FIRE - BIRDSEYE AERIAL PHOTO



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Pre-Construction



09/11/2013 - Smoke emanates from spoil pile with trench and forest beyond



09/11/2013 - Sulfurous deposits and charred debris around vent holes

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During Construction



01/09/2015 - Excavation of project site



01/13/2015 - Excavation of project site

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Post-Construction



04/02/2015 - Seeding complete



04/02/2015 - Seeding complete



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Pre-reclamation view of the refuse piles, facing southeast towards the radar tower.



Post-reclamation view, facing southeast towards the radar tower.