



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Office of Active and Abandoned Mine Operations

FRAN CONTRACTING CAMP RUN NO. 2
Acid Mine Drainage Abatement Project
Contract No. AMD 18(0817)103.1

Bureau of Abandoned Mine Reclamation
286 Industrial Park Road
Ebensburg, PA 15931-4119

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

**FRAN CONTRACTING CAMP RUN NO. 2
ACID MINE DRAINAGE ABATEMENT PROJECT
CONTRACT NO. AMD 18(0817)103.1**

FACT SHEET

Location: The project site is located in East Keating Township, Clinton County. The site can be accessed from State Route 120 (Renova Road) by turning onto Cooks Run Road and then turning left onto Cole Run Road.

Watershed: Camp Run, High Quality-Cold Water Fishery (HQ-CWF) and Rock Run, (HQ-CWF)

Official Start Date: August 11, 2017

Contract Completion Date: August 16, 2019

Contractor: Earthmovers Unlimited, Inc.

Property Owners: Department of Conservation and Natural Resources,
Bureau of Forestry

Project Cost: \$7,063,687.37 (Final Amount), \$7,092,331.00 (Bid Amount)

Project Area: 40.4 Acres

Purpose: To eliminate eligible abandoned mine health and safety hazards or environmental degradation that are located within close proximity to places of intense visitation by the public.

Description: This project involved approximately 40.4 acres of a reclaimed surface mine, which contained acid bearing materials (spoil and coal refuse) located within Problem Area 0817 (PA 0817), which is found on the Keating 7.5 Minute USGS Quadrangle AML Inventory Map. The acid bearing material (spoil and coal refuse) was a direct result of surface mining of coal by Fran Contracting, Inc., which ceased operations in 1976. These acid bearing materials had been contributing to the acid mine drainage (AMD) in Rock and Camp Run to Cooks Run for decades, thus negatively impacting fish and other aquatic life. The project involved excavating approximately 1,341,416 cubic yards of the the reclaimed surface mine to the pit floor. In an effort to improve the acidic draining ground water and seeps, the excavated acid bearing materials were intermixed with approximately 157,307 tons of alkaline material, placed back into the excavated area, regraded and revegetated to promote wildlife habitat and recreational reuse of the public property. The site was revegetated with trees and grasses (Elk Mixture). Remaining brush from a recent timber sale was windrowed at the toe of the spoil and topsoil storage areas to create wildlife habitat. Also, timber rattlesnake habitat was created on this site. Barren areas from acidic seep zones were back dragged and revegetated. The addition of alkaline material remediated the groundwater and

seeps that generated the AMD that was discharging to the Rock Run and Camp Run Watersheds causing the streams to be impaired. The acid bearing material and associated mine discharges were a direct result of the aforementioned mining operations and encompassed an area of approximately 40.4 acres. The total area disturbed with the project was approximately 50 acres. Long term economic benefits of this project included restoration (elimination of AMD pollution) of approximately 1.4 miles of Rock Run and 1.2 miles of Camp Run, which is expected to improve the water quality and return each to a natural Brook Trout Stream. The reclaimed land was also reforested to help bring the land and water back to its natural state to be enjoyed by all of the citizens that enjoy hunting, fishing, hiking, ATV riding and sightseeing which will attract increased tourism to the area. The reclaimed land was reforested with hardwoods that will be marketable in the future.

Funding:

AMD Set-Aside funding derived from Pennsylvania's Abandoned Mine Land Grant in the amount of \$3,599,694.37 and 2016 AML Economic Development Pilot Funding in the amount of \$3,463,993.00.

Project Management:

Bureau of Abandoned Mine Reclamation
Cambria District Office
814.472.1800

Accomplishments:

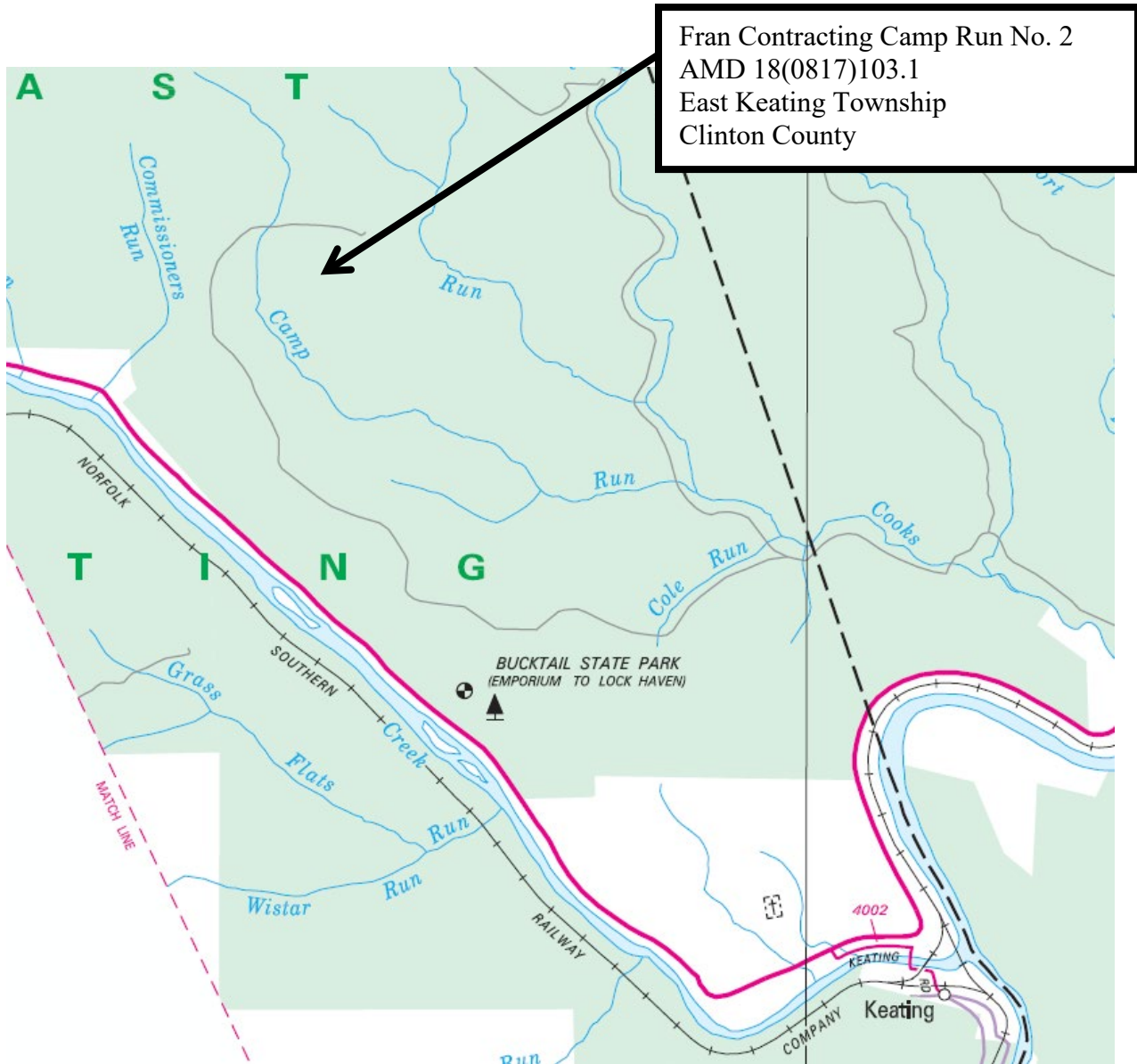
PRIORITY	AMLF #	AMLF KEYWORD	MEASUREMENTS						QUANTITY	UNIT
			ACRES	HEIGHT	LENGTH	COUNT	VOL.	FLOW		
3	0817-03	SA	40.4	-	-	-	-	-	40.4	ACRES

AMLF = Abandoned Mine Land Feature
SA= Spoil Area

There were 10,000 trees planted over 15 acres consisting of 3,300 Norway Spruce, 3,350 Red Pine and 3,350 White Pine using the Appalachian Regional Reforestation Initiative (ARRI) Forestry Reclamation Approach (FRA). One stone pile was created as timber rattlesnake habitat. There were 20 brush piles created (8'H x 8'W x 20' L) as wildlife habitat.

FRAN CONTRACTING CAMP RUN NO. 2
CONTRACT NO. AMD 18(0817)103.1

Location Map



FRAN CONTRACTING CAMP RUN NO. 2
CONTRACT NO. AMD 18(0817)103.1

Pre-Construction



CONTRACT NO. AMD 18(0817)103.1

During-Construction



FRAN CONTRACTING CAMP RUN NO. 2

CONTRACT NO. AMD 18(0817)103.1

Post-Construction

