



PIKE RUN SUBSIDENCE ABANDONED MINE RECLAMATION PROJECT

Office of Active and Abandoned Mine Operations

Purpose → To eliminate public health and safety concerns that arise when dangerous features such as these are located within close proximity to places of intense visitation of humans. A township road that promotes intense public visitation is located within 120 feet of the project site.

The Pike Run Subsidence project involved reclamation of one (1) pre-act Abandoned Mine Land Feature (AMLF).

The feature is located within Problem Area 4769 (PA 4769), which is found on the California 7.5 Minute USGS Quadrangle AML Inventory Map.

On this map, a one (1) count vertical opening (VO) is designated as AMLF No. 4769-07 VO.

The abandoned feature is a direct result of the Vesta #4 Mine prior to 1925. AMLF No. 4769-07 VO consisted of a 10-foot by 20-foot by 10-foot vertical subsidence cave hole that exposed the mine workings in a perennial stream course.

This opening diverted the stream into the mine workings. The project eliminated AMLF No. 4769-07 VO by filling the opening with a pumped concrete cement grout mixture.

The VO was cleared for closure by the Pennsylvania Game Commission.

All unforeseen PA Code, Title 25, Chapter 105 Stream Encroachment and Chapter 102 Erosion and Sediment Control issues were addressed by the Bureau of Abandoned Mine Reclamation Design Unit, and any necessary permit authorizations were obtained.

Accomplishments for this project include the reclamation of AMLF No. 4769-07, a Priority 1 VO, which subsequently restored the diverted stream flow caused by the subsidence.



Project at a Glance

Location:

The project site is in West Pike Township, Washington County. The site can be accessed from Interstate 70 West (I-70 W) using Exit 37A for Pennsylvania Route 43 South (PA-43 S) toward California. Merge onto PA-43 S and follow for 4.0 miles then take Exit 30B for US Route 40 West (US-40 W). Turn right at Daisytown Road for 0.5 miles. After crossing the bridge in Daisytown, turn left onto Pike Run Drive for about 250 feet. The site will be in the stream on the left.

Watershed:

Pike Run Watershed, Trout Stocked Fisheries (TSF)

Project Period:

March 27, 2023 - June 28, 2023

Project Size:

0.25 Acre

Total Project Cost:

\$31,973.92

Funding:

Funding was made available through Pennsylvania's federal Abandoned Mine Land Reclamation Program.

Contractor:

Construction completed in-house by the Bureau of Abandoned Mine Reclamation Bituminous District Construction Crew.

Property Owner:

Mary Lozosky

Project Management:

Bureau of Abandoned Mine Reclamation
Cambria District Office



PIKE RUN SUBSIDENCE
ABANDONED MINE RECLAMATION PROJECT

Pre-Construction



PIKE RUN SUBSIDENCE
ABANDONED MINE RECLAMATION PROJECT

Construction



PIKE RUN SUBSIDENCE
ABANDONED MINE RECLAMATION PROJECT

Construction



PIKE RUN SUBSIDENCE
ABANDONED MINE RECLAMATION PROJECT

Post-Construction





Pennsylvania
**Department of
Environmental Protection**
BUREAU OF ABANDONED MINE RECLAMATION