

From: Whittaker, Frank M <Frank.M.Whittaker@wv.gov>
Sent: Monday, August 17, 2020 8:32 AM
To: Ayers, Jeremy D <Jeremy.D.Ayers@wv.gov>; Thornton, Tammy S <Tammy.S.Thornton@wv.gov>;
Chestnut, B.J <B.J.Chestnut@wv.gov>
Cc: Simpson, Eric <Eric.Simpson@wv.gov>; Totten, Mark L <Mark.L.Totten@wv.gov>
Subject: RE: AML North Emergency - Long Run (Raines) Air Shaft

Jeremy,

You're your request for Emergency reclamation project of the Long Run (Raines) Airshaft is approved. Please follow all emergency procedures outlined in the Purchasing Division Procedures handbook and submit all documentation to this office for processing within 30 days of this approval.

Frank Whittaker, CPPB
Assistant Director
West Virginia Purchasing Division
2019 Washington Street. East
Charleston, WV 25305
304-558-2316
Frank.m.whittaker@wv.gov

From: Ayers, Jeremy D <Jeremy.D.Ayers@wv.gov>
Sent: Monday, August 17, 2020 6:35 AM
To: Whittaker, Frank M <Frank.M.Whittaker@wv.gov>; Thornton, Tammy S
<Tammy.S.Thornton@wv.gov>; Chestnut, B.J <B.J.Chestnut@wv.gov>
Cc: Simpson, Eric <Eric.Simpson@wv.gov>
Subject: AML North Emergency - Long Run (Raines) Air Shaft
Importance: High

Thanks!
Jeremy

Jeremy Ayers, P.E.
Northern Emergency Engineer
WVDEP Abandoned Mine Lands
[101 Cambridge Place](#)
[Bridgeport, WV 26330](#)
C 304-203-4058
O 304-842-1900 X3203
F 304-842-1928



APPROVED
[Signature]
8/17/20

west virginia department of environmental protection

Office of Abandoned Mine Lands and Reclamation
101 Cambridge Place
Bridgeport, WV 26330
304-842-1900
304-842-1928 (fax)

Austin Caperton, Cabinet Secretary
dep.wv.gov

MEMORANDUM

To: Frank Whittaker, Assistant Director
Acquisition and Contract Administration Section [Redacted]
Purchasing Division (for approval of professional services)

Tammy S. Thornton, Assistant Chief
Administrative Services – Business and Technology Office [Redacted]
WVDEP (for approval of construction)

From: Jeremy Ayers, P.E., Northern Emergency Engineer
Abandoned Mine Lands and Reclamation

Jeremy D. Ayers, P.E.
Digitally signed by Jeremy D. Ayers, P.E.
Date: 2020.08.14 14:22:42 -04'00'

Date: August 14, 2020

Subject: Long Run (Raines) Air Shaft
Emergency Reclamation Project – Marion County, W.Va.

The Bridgeport WVDEP AML office was contacted by Mrs. Raines over concerns of an old mine shaft. The Raines had a colt fall into the shaft and her husband had to use ropes to get it out. He had to swim in the water to help get the colt out. Mrs. Raines stated that her husband never touched the bottom while swimming and working to get the colt out. Once on-site Mrs. Raines and her two young son's ages around 5 and 11 took Matt directly to the location. The structure appeared to be an old vent shaft constructed of brick and concrete and old stone with no top or adequate fencing. Matt immediately had concerns for the young boys because there is no way to get out of the structure without assistance. This structure is only about 100 yards from their residence. The water in the structure has bubbles coming from the underneath, which is presumably methane gas. This air shaft is located on the map provided by Consolidation Coal Company, as the Williams #98 Mine and it shows a shaft located on Long Run filled with "Earthen Material". The surface elevation at the structure is at 1095' in elevation the Pittsburgh coal seam at this location is at 890' in elevation making this failing shaft at around 205' in depth. Due to all the failing concrete, lack of fencing and the addition of the water at this complaint area and no idea the exact depth of the water or the earthen material below the water level this site will be reclaimed as an AML emergency project. Tentative reclamation plan: Prepare site by clearing and grubbing. Remove and crush deteriorated concrete. Utilized crushed material as fill in hole. Fill remainder of void with shot rock. Compact when filled and construct concrete cap with methane vent. Install chain link fence around perimeter of concrete cap. Seed and mulch all disturbed areas.

From the review of the mine maps of the area the Pittsburgh coal seam was deep mined from the 1910's until 1979 at this location. There was a previous ruling on "interim mining sites" in 2013; since this mine never had a mining permit associated with it, according to the interim site ruling this site is determined to be eligible for

AML funding. This mining related subsidence feature located near a residential area is an eminent danger and a human health and safety hazard that qualifies to be abated by the AML Emergency Program.

The mining took place in the Pittsburgh coal seam which is located approximately 205 feet below the ground surface. The last known mining operator is Consolidation Coal Company with last known mining in 1979 and full closure in 1980.

Based on the above referenced problems, an emergency project will be initiated to fill the void and eliminate the site hazard.

Due to the emergency nature and the scope of this project, the required exploration and design services needed to abate the problems will have to be performed by an outside engineering firm. In accordance with Section 5G-1-4 of the State Code of West Virginia, since a special circumstance exists and the cost of the project is estimated to be approximately \$157,500.00, I have the option of selecting an architectural/engineering firm on the basis of satisfactory performance and knowledge of the agency's needs. Therefore, I propose to utilize E.L. Robinson Engineering of Charleston, WV to perform the required services at the site. The estimated cost for these services should not exceed \$35,000.00.

Please contact me at 304-842-1900, Ext. 43203 if you have any questions regarding this matter.

JDA

cc: Eric Simpson
File