

From: **Whittaker, Frank M** <frank.m.whittaker@wv.gov>
Date: Mon, Aug 29, 2022 at 4:12 PM
Subject: Re: AML North Emergency - Four States Road (Vandevender) Subsidence
To: Ayers, Jeremy D <jeremy.d.ayers@wv.gov>, Hager III, Joseph E <joseph.e.hageriii@wv.gov>, Atkins, Mark A <mark.a.atkins@wv.gov>
Cc: Totten, Mark L <mark.l.totten@wv.gov>

Jeremy,

Your emergency request for the Four States Riad (Vandevender) Sinkhole emergency is approved. Please follow all emergency procedures outlined in the Purchasing Division Procedures handbook. and return all supporting documentation to this office within 30 days of this approval for contract issuance.

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

On Fri, Aug 26, 2022 at 8:52 AM Ayers, Jeremy D <jeremy.d.ayers@wv.gov> wrote:
For review and approval.

Thanks
Jeremy

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Jeremy Ayers, P.E.
Northern Emergency Engineer
WVDEP Abandoned Mine Lands
[101 Cambridge Place](mailto:101CambridgePlace@wv.gov)
[Bridgeport, WV 26330](mailto:Bridgeport,WV26330@wv.gov)
C 304-203-4058
O 304-842-1900
F 304-842-1928



APPROVED
Frank Whittaker
8/26/22

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)

Harold D. Ward, Cabinet Secretary
dep.wv.gov

MEMORANDUM

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

B.J. Chestnut, Assistant Chief
Administrative Services – Business Operations Office
(For approval of construction)

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

SUBJECT: Four States Road (Vandevender) Subsidence
Emergency Reclamation Project – Marion County, W.Va.

DATE: August 26, 2022

Mr. Brad Vandevender called the WV Spill Hotline to report a possible mine subsidence event. On 8-15-2022 WVDEPAML received the information and scheduled a site visit. Upon arrival there is a sinkhole approximately 15 feet in diameter, 20 feet deep and has approximately 6 feet of standing water in the bottom. The sinkhole is 30 feet behind his home at the edge of his backyard. There is a tree that has fallen in with the sinkhole and leaning onto an overhead communication line. The sinkhole has very similar characteristics of a mine subsidence event. However, after reviewing all the coal bed maps and known coal mining there is nothing shown as mined out coal areas at this location. There will need to be a subsurface geotechnical investigation to see if the mapping for this location may be incorrect and this sinkhole needs to be abated as a mine subsidence. There are no surface features that can prove why this sinkhole has formed so suddenly.

Based on the situation described above, an emergency geotechnical investigation will be initiated at the site to perform an exploratory drilling and data analysis program. If an abandoned mine workings have collapsed, and/or filled with a significant amount of water and is found to be causing the damages to the surface an emergency abatement project will be initiated.

Due to the scope of the project, the required services to investigate the problems at the site 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 less than \$250,000.00, 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 The Trasher Engineering Group of Bridgeport, WV to perform the required services at the site.

The estimated cost for these services should not exceed \$74,000.00. The estimated cost of the site reclamation portion of the project should not exceed \$108,000.00.

Please contact me at 304-842-1900, Ext. 82083 if you have any questions regarding this matter.

JDA

Cc: File
Eric Simpson