



are co-hosting:

Webinar – January 20th, 2021

PENNSYLVANIA'S ABANDONED MINE LAND (AML) EMERGENCY PROGRAM

Presented By: **Richard L. Beam, P.G.**

1.0 PDH Available



The Pennsylvania Department of Environmental Protection's Bureau of Abandoned Mine Reclamation (BAMR) implements an Abandoned Mine Land (AML) Emergency Program to address suddenly occurring, high-priority, abandoned mine land (AML) problems that occur throughout Pennsylvania's coal fields. BAMR maintains two field offices; one in eastern Pennsylvania (Anthracite Region) in Wilkes-Barre and one in western Pennsylvania (Bituminous Region) in Ebensburg. Both field offices maintain in-house construction crews with significant equipment available to respond and address many small AML Emergencies (hazards) such as pothole subsidences and mine drainage breakouts. For larger AML Emergencies such as subsidence events causing structural damage to homes, businesses, and roads; mine fires; coal refuse fires; landslides; or other large-scale or complex AML problems, projects are completed by outside contractors. The contractors are hired through solicitation of bids or proposals with very short timeframes between bid issue and bid opening. Since October of 2010, BAMR has addressed over 750 AML Emergencies which equates to approximately 80 AML Emergency projects each calendar year. Due to the increased precipitation over the Commonwealth the last several years, that number has increased to an average of 86 AML Emergency projects over the last five (5) years (2015–2019) with a record number of 127 addressed in calendar year 2018. The average cost to address those AML

Emergency projects over that five-year period was \$4.66 million per year. This Presentation will provide some background on Pennsylvania's AML Emergency Program; some summary statistics including the annual number of projects completed and costs; and highlight through both photos and video links some typical projects recently completed by the program.

Mr. Richard Beam is a Professional Geologist Manager at the Pennsylvania Department of Environmental Protection's Bureau of Abandoned Mine Reclamation, Rich is responsible for the collection and analysis of surface and subsurface geologic and hydrologic information needed for the development and design of reclamation projects. Rich also provides technical assistance with respect to both passive and active mine drainage treatment projects and for the past 18 years has been an instructor for OSM's National Technical Training Program (NTTP). Rich graduated from the University of Pittsburgh at Johnstown with a B.S. Degree in Geology. He was previously employed, for approximately 3 years, by a Geotechnical Engineering Firm in Pittsburgh Pennsylvania and for the past 34 years has worked for the Pennsylvania Department of Environmental Protection in both the surface coal mining regulatory program and the abandoned mine land program.

WHERE

GoToWebinar
[Register Here](#)

TIME

7:30 PM – 8:30 PM EST

To receive a PDH from this lecture, please email greaterpittsburghhaeg@gmail.com to request a certificate.

Contact Heather Campbell, AEG Chapter Chair at greaterpittsburghhaeg@gmail.com for questions.

PDH Policy: In order to receive your PDH, you must attend the entire duration of the webinar.