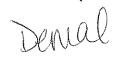
Mine Safety and Health Administration 100 Bluestone Road Mount Hope, WV 25880-1000





NOV 20 2009

Mr. Chris Blanchard President Performance Coal Company POB 69 Naoma, WV 25140

Dear Mr. Blanchard:

Subject:

Mine Ventilation Plan, Section 75.370, 30 CFR 75, Upper

Big Branch Mine-South, I.D. No. 46-08436, Performance Coal Company, Montcoal, Raleigh County, West Virginia

This will acknowledge receipt of the ventilation revision dated October 2, 2009, and received by MSHA on October 5, 2009, which includes a revised face sketch which was resubmitted on November 12, 2009. The ventilation revision requests to add an additional face sketch for 3-entry gateroad development which has the belt aircourse located in the number 1 entry flowing outby.

The revision cannot be approved as submitted. The face sketch does not provide adequate safety precautions regarding the usage of line curtain. Specifically, the Headgate 2 Section will utilize large crosscut and entry spacing (centers), which will require extensive line curtain distances which can approach 160 to 180 feet in length. The 3-entry development system shown on the submitted face sketch will require a roof bolting machine, a scoop, and a continuous mining machine in each face. Subsequently persons will be working and traveling in each of the faces which are being ventilated by line curtain. Shuttle car haulage is being utilized on the active section, and if shuttle car change out occurs in the last open crosscut, face ventilation will be interrupted due to the equipment hauling through the line curtain.

30 CFR 75.330(c) states, when the line brattice or any other face ventilation control device is damaged to an extent that ventilation of the working face is inadequate, production activities in the working place shall cease until necessary repairs are made and adequate ventilation is restored. Because ventilation via line curtain will be interrupted when each piece of equipment hauls through the curtain, causing the curtain to raise and short circuit the air, the submitted face sketch will not allow production to continue while haulage is being conducted. Additionally haulage through the last open crosscut is likely to tear down the

SUPERVISORY ACKNOWS EDGEMENT

PIC 11/20/09

Initials you 11/20/09 Date

curtain. Haulage is necessary for production to commence, therefore the system as submitted conflicts with the requirements of the regulation.

In addition, the mine and the 2 Headgate North section liberates substantial amounts of methane and interruptions to the face ventilation in any entry will create an ignition hazard to miners.

It is recommended that the face sketch be resubmitted with an additional safety precaution which will require shuttle car change out one crosscut outby the last open crosscut. This safety precaution will reduce the likelihood that face ventilation is interrupted in an entry, will prevent line curtain from being torn down, and will also decrease the likelihood that a miner could be struck by moving equipment which is traveling through curtains while turning which highly reduces operator visibility.

Additional safety precautions in lieu of the recommendation will also be acceptable, provided they ensure adequate ventilation and safety of miners.

Should you have any questions concerning this matter, please contact the Ventilation Department at (304) 877-3900/Ext. 142.

Sincerely,

Robert G. Hardman District Manager Coal Mine Safety and Health, District 4

Cc: Mt. Hope Field Office (3incl.)/ Files/nlc

Mine Safety and Health Administration 100 Bluestone Road Mount Hope, WV 25880-1000

Exi Less picked up by 11/20/09



NOV 2 0 2009

Mr. Chris Blanchard President Performance Coal Company POB 69 Naoma, WV 25140

Dear Mr. Blanchard:

Subject: Mine Ventilation Plan, Section 75.370, 30 CFR 75, Upper

Big Branch Mine-South, I.D. No. 46-08436, Performance Coal Company, Montcoal, Raleigh County, West Virginia

This will acknowledge receipt of the ventilation revision dated October 2, 2009, and received by MSHA on October 5, 2009, which includes a revised face sketch which was resubmitted on November 12, 2009. The ventilation revision requests to add an additional face sketch for 3-entry gateroad development which has the belt aircourse located in the number 1 entry flowing outby.

The revision cannot be approved as submitted. The face sketch does not provide adequate safety precautions regarding the usage of line curtain. Specifically, the Headgate 2 Section will utilize large crosscut and entry spacing (centers), which will require extensive line curtain distances which can approach 160 to 180 feet in length. The 3-entry development system shown on the submitted face sketch will require a roof bolting machine, a scoop, and a continuous mining machine in each face. Subsequently persons will be working and traveling in each of the faces which are being ventilated by line curtain. Shuttle car haulage is being utilized on the active section, and if shuttle car change out occurs in the last open crosscut, face ventilation will be interrupted due to the equipment hauling through the line curtain.

30 CFR 75.330(c) states, when the line brattice or any other face ventilation control device is damaged to an extent that ventilation of the working face is inadequate, production activities in the working place shall cease until necessary repairs are made and adequate ventilation is restored. Because ventilation via line curtain will be interrupted when each piece of equipment hauls through the curtain, causing the curtain to raise and short circuit the air, the submitted face sketch will not allow production to continue while haulage is being conducted. Additionally haulage through the last open crosscut is likely to tear down the

curtain. Haulage is necessary for production to commence, therefore the system as submitted conflicts with the requirements of the regulation.

In addition, the mine and the 2 Headgate North section liberates substantial amounts of methane and interruptions to the face ventilation in any entry will create an ignition hazard to miners.

It is recommended that the face sketch be resubmitted with an additional safety precaution which will require shuttle car change out one crosscut outby the last open crosscut. This safety precaution will reduce the likelihood that face ventilation is interrupted in an entry, will prevent line curtain from being torn down, and will also decrease the likelihood that a miner could be struck by moving equipment which is traveling through curtains while turning which highly reduces operator visibility.

Additional safety precautions in lieu of the recommendation will also be acceptable, provided they ensure adequate ventilation and safety of miners.

Should you have any questions concerning this matter, please contact the Ventilation Department at (304) 877-3900/Ext. 142.

Sincerely

Robert G. Hardman

District Manager

Coal Mine Safety and Health, District 4



## Performance Coal Company

P.O. Box 69

Naoma, WV

25140

October 2, 2009

Mr. Robert G. Hardman Mine Safety and Health Administration 100 Bluestone Road Mount Hope, WV 25880

> MSHA MOUNT HOPE, WV

Re:

Performance Coal Company

Upper Big Branch Mine MSHA ID: 46-08436 State ID: U-3042-92

Ventilation Base Plan Revision

OCT 05 2009

RECEIVED VENTILATION

## Dear Sir:

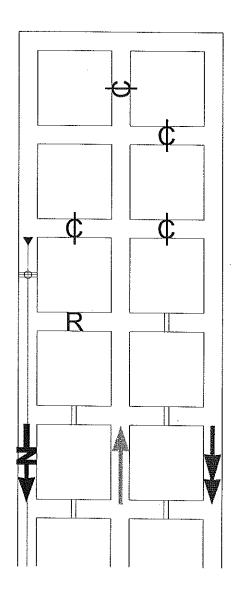
Please find the enclosed ventilation revision for your review and approval. This revision is to add an additional typical face sketch to the Ventilation Base Plan. The face sketch to be added is to show development of the longwall gateroads with the belt in the #1 entry.

This mine currently has no miner's representative. If you have any questions or comments, feel free to contact me at (304) 854-3516.

Respectfully Submitted, Performance Coal Company, Inc.

Eric Lilly

Mine Engineer



MOUNTHOPE, WV MOUNTHOPE, WV NOV 12200 NOV 12200 PECEIVEDON VENTILATION

Intake Air

Return Air Secondary Intake Air

**Permanent Stopping** 

A Belt Tailpiece

R

Regulator

Curtain

Box Check

- \* The curtains shown will be firmly attached to the mine roof using fly boards. These curtains will be run-thru type curtains.
- \* Number of entries may vary provided the ventilation scheme does not change.



UPPER BIG BRANCH MINE

PERFORMANCE COAL COMPANY, INC.

P.O. BOX 69, NAOMA, WV 25140

M.S.H.A. ID No. 46-08436 Date: 10/01/09

WV ID No. U-3042-92

DRAWN BY: Rt. 3 Staff

SCALE: NA

DWG No. 1 of 1 CHECKED BY:

Face Ventilation Typical Gateroad Development

**VENTILATION BASE PLAN**