RoxCoal, Inc.
Kimberly Run

FINAL MAP

MSHA ID# 36-09549
Lower Kittanning Seam
Permit # 56061301
Somerset Township
Somerset County, PA
Mine Address:
2473 Stutzmantown Road
Somerset, PA 15501
Date: 6-17-15
Scale: 1"=200'
Sheet 2 of 3

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JAMES ARTHUR HICKMAN
ENGINEER
PE24016-E

Engineer's seal

6/17/15

The information depicted on this map is accurate to the best of my information, knowledge, and belief. The abandoned mine study was conducted by CME Engineering LP. A complete, detailed report including a narrative and maps for each mine is available at the RoxCoal, Inc. Engineering Department. This study in an exhaustive study based on the best information available. I have reviewed this study and believe it to be true and accurate to the best of my information, knowledge, and belief.

Ventilation Legend

- intake air
- return air
- limited intake air
- kennedy wall
- stopping
- stopping with block removed
- partial wall
- stopping with door
- regulator
- proposed regulator
- sliding airlock door with mandoor & vent hole
- Line canvas
- vent tube
- seal
- seal with water trap
- proposed stopping
- check curtain
- primary escapeway
- alternate escapeway
- overcast with door
- projected overcast
- equipment doors
- air lock doors
- 6' door
- proposed seals
- flooded area
- CO monitor location
- refuge alternative
- crib blocks

LEGEND

- SURFACE PERMIT BOUNDARY
- PERMIT BOUNDARY
- SUBSIDENCE CONTROL PLAN BOUNDARY
- PUBLIC BUILDING
- COMMERCIAL BUILDING
- OCCUPIED DWELLING
- UNOCCUPIED STRUCTURE
- D – DWELLING
- B – BARN
- S – SHED
- G – GARAGE
- UTILITY LINE
- 201 SURFACE PARCEL IDENTIFICATION NUMBER
- SURFACE PROPERTY LINE
- PAVED ROAD (T–Telephone, E–Electric, G–Gas, C–Cable)
- WETLANDS
- POND
- PERENNIAL STREAM
- 2300 LOWER KITTANNING COAL CONTOUR (BOC)
- DEEP MINE OUTLINE (UPPER KITTANNING)
- DEEP MINE OUTLINE (LOWER FREEPORT)
- STABILITY CLASS I–SAFETY FACTOR 2.0 AND 50% MINING OR GREATER
- SAFETY ZONE EVALUATION AREA THIS ZONE PROHIBITS MINING UNTIL INFORMATION IS SUBMITTED TO THE BUREAU OF MINE SAFETY & MSHA FOR REVIEW
- APPROVED SAFETY ZONE
- BARRIER – RESERVATION NO MINING UNTIL LEASE IS ACQUIRED
- BARRIER – NO MINING
- WELL/SPRING MONITORING POINT
- WELL/SPRING BACKGROUND POINT
- RECLAIMED SURFACE MINE

SHEET 1

SHEET 3

Statement of Certification

1.) The information contained on this map is accurate to the best of my knowledge, information, and belief.
2.) The certification of this map is based on prior certifications.
3.) Grids are based on the PA State Plane co-ordinate system, South Zone, 1927 NAD.
4.) This map is a true, complete and correct map and survey of all excavations in the Kimberly Run Mine.
5.) This mine has final seals installed (June 17, 2015) at the drifts including all boreholes.

Professional Engineer — Date 6/17/15

This map represents a complete and accurate representation of all underground excavations and is the final map of the mine.

Company or Corporate officer — Date 6/17/15

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