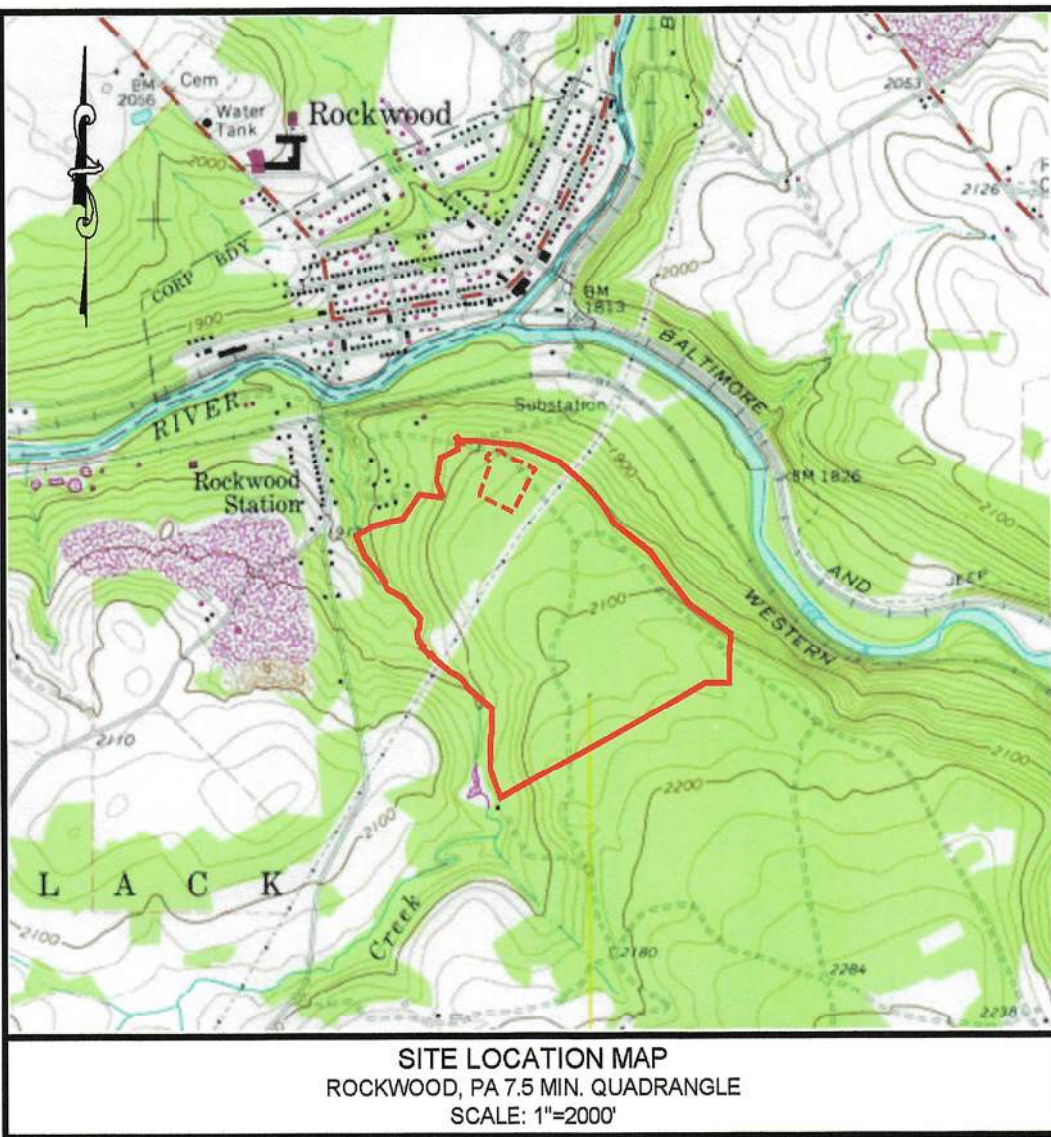




	PERMIT LINE - 175 ACRES
	PERMIT LINE - EXISTING SMC PERMIT #56190801
	1000' OFFSET LINE
	PROPERTY LINE
	BARRIER
	STREAM BARRIER
	DWELLING BARRIER
	EXISTING CONTOURS (2' INTERVAL)
	PERENNIAL STREAM
	EXISTING POND
	IMPROVED ROAD
	UNIMPROVED ROAD
	RIGHT OF WAY / EASEMENT LINE
	TREE LINE
	GASLINE
	ELECTRIC LINE
	WATER LINE
	OCCUPIED BUILDING
	UNOCCUPIED BUILDING
	EXISTING CULVERTS
	PROPERTY NUMBERS
	UTILITY POLE
	TRANSMISSION LINE STRUCTURE & NO.
	MINE ENTRY
	DEEP MINE
	CROP - BOTTOM OF FREEPORT
	SANDSTONE
	LOWER KITTANNING CROP
	WATER WELL
	SPRING HOUSE
	PROCESS PONDS
	SEDIMENTATION POND
	COLLECTION DITCH
	DIVERSION DITCH
	ALTERNATE EAS CONTROLS
	HIGHWALL LIMIT
	HW
	HW
	TOPSOIL STORAGE AREA
	SPOIL STORAGE AREA
	NPDES DISCHARGE POINT
	PROPOSED CULVERTS
	ENERGY DISSIPATER
	PIT WITH DIRECTION OF ADVANCE
	PROPOSED EARTHEN BERM
	FEMA FLOOD ZONE A
	GEOLOGIC CROSS SECTIONS
	PHASES OF MINING
	PROPOSED LOCATION OF UTILITY LINE CROSSINGS (ELECTRIC/GAS)

1. NO KNOWN ACTIVE OIL WELLS IN OR WITHIN 1000 FEET OF THE PERMIT AREA.
2. NO KNOWN PUBLIC CEMETERIES, INDIAN BURIAL GROUNDS, OR ARCHAEOLOGICAL SITES KNOWN TO BE PRESENT.
3. NO SOLID WASTE DISPOSAL AREAS ASSOCIATED WITH THIS PROJECT.
4. NO REFUSE DISPOSAL AREAS ARE EXISTING OR PROPOSED ON THIS SITE.
5. SEE MODULE 17 FOR AIR POLLUTION CONTROL FACILITY DETAILS.
6. NO EXPLOSIVES STORAGE AREAS EXISTING OR PROPOSED IN OR WITHIN 1000 FT. OF THE PERMIT AREA.
7. THERE ARE NO INCIDENTAL COAL EXTRACTION AREAS WITHIN THE PERMIT AREA.
8. THERE ARE NO LANDS CLASSIFIED AS PRIME AGRICULTURAL LAND UNDER THE AGRICULTURAL LAND PRESERVATION POLICY.

SCP = SMOOTH CONCRETE PIPE. SMP = SMOOTH METAL PIPE.
CMP = CORRUGATED METAL PIPE. SPP = SMOOTH PLASTIC PIPE.

- RED=PROPERTY WITHIN PERMIT AREA

NOTE: THIS EXHIBIT WAS PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING, GEOLOGY, AND SURVEYING PRACTICES. THE FEATURES WITHIN 1000' OF THE PERMIT AREA WERE PREPARED WITH THE AID OF U.S.S. MAPS, AERIAL PHOTOGRAPHY, FIELD OBSERVATION, AND COUNTRY KNOWLEDGE. THE PRESENCE OF MINES OR OTHER DANGEROUS GENERAL INFORMATION, PROPERTY LINES DO NOT REPRESENT ACTUAL PROPERTY SURVEYS.

UTILITY LOCATIONS ARE DEPICTED THROUGH FIELD RECONNAISSANCE AND MAY NOT REPRESENT ACTUAL OR SURVEYED LOCATIONS. PRIOR TO ANY MINING OR EXCAVATION THE OPERATOR IS REQUIRED TO NOTIFY THE PA ONE CALL SYSTEM (800.841.0111 OR 800-252-2434).

THE LOCATION AND EXTENT OF ANY ABANDONED UNDERGROUND MINES WORKINGS SHOWN ON THIS DRAWING ARE BASED UPON THE BEST AVAILABLE INFORMATION. THE BEING OF A FINAL CERTIFIED MINE MAP ACCORDINGLY, NEITHER THE ENGINEER, NOR THE PROFESSIONAL ENGINEER SEALING THESE MAPS CERTIFIES, WARRANTS, OR GUARANTEES THE PRECISE LOCATION OR EXTENT OF ANY ABANDONED UNDERGROUND MINES WORKINGS. UNKNOWN OR UNQUANTIFIED MINES MAY EXTEND BEYOND THE DEPICTED AREAS AND MAY NOT CAUSE SAFETY HAZARDS.

1 inch = 200 ft

NO.	DATE	DESCRIPTION	BY

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