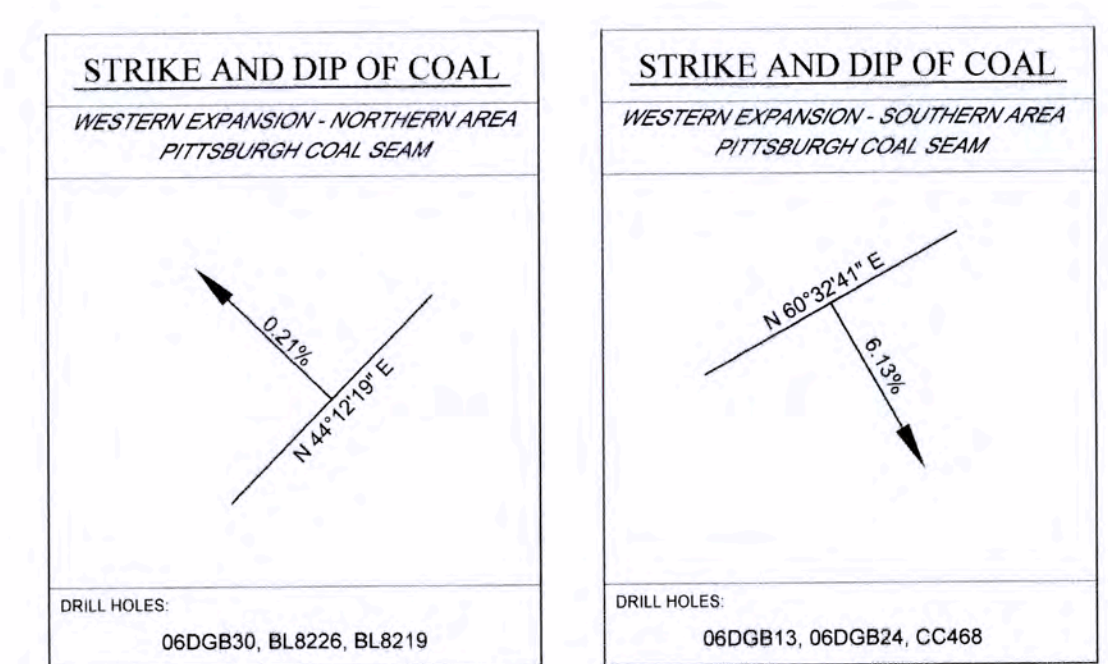


AREA WITHIN PERMIT AREA NOT INCLUDED IN S.C.P.A.
 PERMIT AND DEVELOPMENT ONLY S.C.P.A. MINING



LEGEND

- SCPA BOUNDARY
- CAMP BOUNDARY
- 1000' FROM SUBSIDENCE BOUNDARY ADDITION
- POLITICAL SUBDIVISION
- SURFACE PROPERTY OWNERSHIP
- SURFACE PROPERTY NUMBERS
- HORIZONTAL METHANE DE-GAS WELLS
- BH-3A
- BOREHOLE
- PLUGGED BOREHOLE
- PERMITTED BUT NOT DRILLED BOREHOLE
- GEOLOGIC/EXPLORATION CORE HOLE
- SURFACE ACTIVITY SITE
- COMPLETED DEVELOPMENT MINING AREAS
- COMPLETED LONGWALL MINING
- ESTIMATED MINING DATE WITH DIRECTION OF MINING
- MINE SHAFT - OPEN
- MINE SHAFT - SEALED
- STREAM FLOW MONITORING POINT
- SURFACE WATER MONITORING POINT
- SURFACE AND FLOW MONITORING POINT
- WATER SUPPLY (W-WELL S-SPRING) PIEZOMETER
- 8.15 MONITORING POINTS
- PENDING AVAILABLE ACCESS
- NON-COMMUNITY PUBLIC WATER SUPPLY
- APPENDIX B SAMPLING AREA
- STREAM RESTORATION AREA
- PREDICTED STREAM POOLING AREA
- GAME COMMISSION BOUNDARY
- PAVED ROAD
- UNPAVED ROAD/DRIVEWAY
- NO ACCESS TO STREAM
- DIVERSE STREAM
- VARIABLE STREAM
- UPLAND STREAM WITH CHANNEL
- NO CHANNEL
- UNSURVEYED STREAM
- UNSURVEYED TRIBUTARY
- WATER IMPOUNDMENTS OVER 20 ACRE- FEET
- SURFACE CONTOUR INDEX LINE (100' INTERVAL)
- INTERMEDIATE CONTOUR (20' INTERVAL)
- BOTTOM PITTSBURGH COAL CONTOUR LINE (20' INTERVAL)
- ACTIVE GAS OR OIL WELL LOCATIONS
- PLUGGED GAS OR OIL WELL LOCATIONS
- GAS PIPELINES
- POWER LINES (POLE)
- POWER LINES (TOWER)
- GEOLOGIC CROSS SECTION
- WETLANDS
- POND

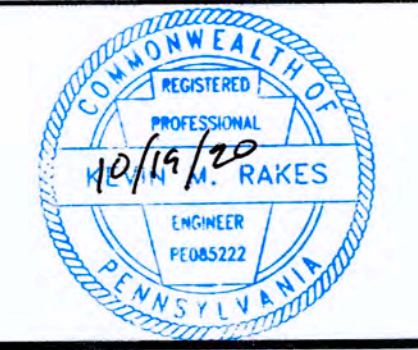
- STRUCTURE \ STRUCTURE CODE
- D DWELLING
 - T TRAILER
 - B BARN
 - G GARAGE
 - CH CHURCH
 - CB COMMERCIAL BUILDING
 - OB OUT BUILDING
 - AB ABANDONED BUILDING
 - R RUINS
 - STRUCTURE - APPROXIMATE LOCATION
 - ACT 54 SECTION 5.4 (a) (1), (2) STRUCTURES (e.g. CHURCHES, SCHOOLS, etc.)
 - STRUCTURES LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES REFER TO MODULE 22.1N FOR DETAILED INFORMATION.
 - STRUCTURES DEEMED TO BE ELIGIBLE TO BE LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES BY THE PENNSYLVANIA HISTORICAL COMMISSION REFER TO MODULE 22.1N FOR DETAILED INFORMATION.

NOTES:
 REFER TO MODULE 5 FOR SURFACE AND PITTSBURGH COAL SEAM OWNERSHIP
 REFER TO MODULE 7 FOR CORE HOLE DATA
 REFER TO MODULE 8 FOR WELL AND SPRING INFORMATION CONTAINED IN GROUND WATER INVENTORY
 REFER TO MODULE 22.7/22.8 FOR STRUCTURE INVENTORY
 ALL MINE OPENINGS ARE SHOWN IN MODULE 23.1A
 SCHOOLS, etc.)

NOTES:
 WETLANDS SHOWN WERE EITHER IDENTIFIED BY GEC (2010) OR ARE DERIVED FROM NATIONAL WETLANDS INVENTORY MAPS.
 THIS MAP HAS BEEN PREPARED FROM TAX MAPS, DEEDS AND FIELD EVIDENCE. THIS DOES NOT REPRESENT AN ACTUAL SURVEY OF PROPERTIES.
 PIPELINE LOCATIONS AND RELATED INFORMATION ARE BASED ON INFORMATION PROVIDED BY THE INDIVIDUAL COMPANIES AND/OR THEIR REPRESENTATIVES.
 COORDINATE SYSTEM DATUM IS NAD83
 EXTRACTION RATE WILL BE 50% OR LESS UNDER ANY SUPPORT AREA OF STATE ROADS.

EXHIBIT 6.3/22.4
 ENVIRONMENTAL RESOURCE MAP
 SUBSIDENCE CONTROL PLAN MAP
 SHEET 6

THE MONONGALIA COUNTY COAL COMPANY
 MONONGALIA COUNTY MINE
 MINING ACTIVITY PERMIT NO. 30841312
 JACKSON, GILMORE, ALEPPA, SPHINGHILL & FREEPORT TOWNSHIPS, GREENE COUNTY
 PITTSBURGH NO. 8 COAL SEAM
 AUGUST 2020 SCALE 1"=500'



TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS DRAWING CONTAINS ACCURATE INFORMATION AND HAS BEEN COMPLETED IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE.
 JAMES R. RAKES
 REGISTERED PROFESSIONAL ENGINEER

DRAWN	CHECKED
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