FLORENCE MINING COMPANY
ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT

Operation: BLACKLICK MINE	Permit No:
Township: EAST WHEATFIELD AND WEST WHEATFIELD	County: INDIANA
Coal Seam: LOWER KITTANNING	Geologic Group: ALLEGHENY

REPERMITTING APPLICATION
EXHIBIT A
MINE DEVELOPMENT MAP

Date	Revisions	Approved By
2-7-86		
3-31-86		
OCT., 86	RELOCATE MS-1 + MS-2	
11-24-86	SUBSIDENCE PLAN LINE	
1-8-87	VENT. B.H. (MACK)	
1-22-87	"NO MINING" < 100' COVER	

Date: 2-7-86
Scale: 1" = 400'
Drawn By: M.S., R.W.H.
Approved By / Date:
Drawing No: 1 OF 1

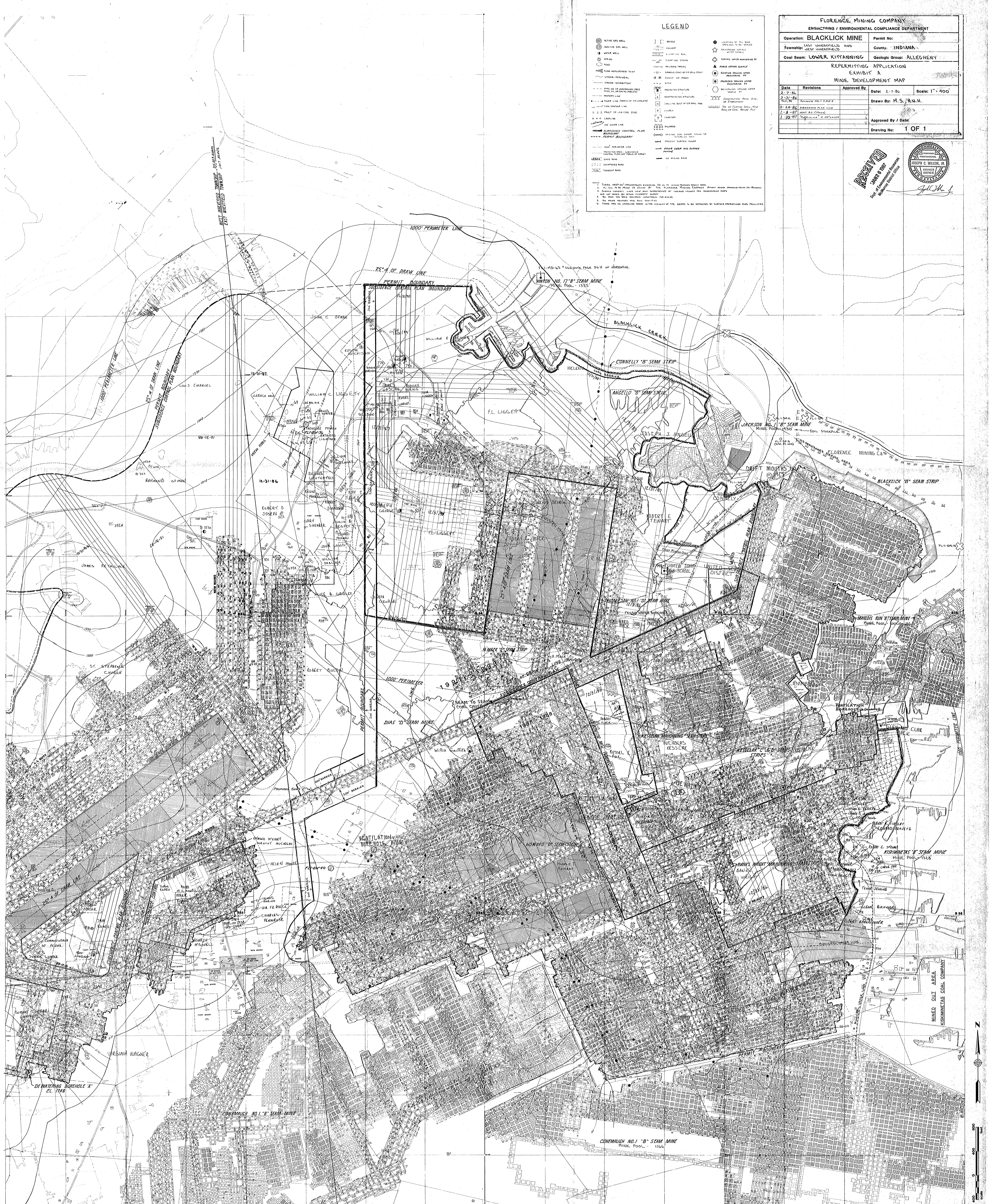
RECEIVED
JAN 26 1987
Dept. of Environmental Resources
McMurray District Office

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH C. WILCOX, JR.
ENGINEER
030792-E

LEGEND

- ⓐ ACTIVE GAS WELL
- ⓘ INACTIVE GAS WELL
- ◑ WATER WELL
- ☼ SPRING
- POND
- FLOW MEASUREMENT POINT
- STREAM - PERENNIAL
- STREAM - INTERMITTENT
- PIPELINE OR UNDERGOUND CABLE (SIZE, OIL, OR GAS AS LABELED)
- PROPERTY LINE
- POWER LINE (500 K.KA OR LARGER)
- COAL CONTOUR LINE
- FAULT OR LOW COAL ZONE
- CROPLINE
- 100' COVER 100' COVER LINE
- SUBSIDENCE CONTROL PLAN BOUNDARY
- PERMIT BOUNDARY
- 1000' PERIMETER LINE
- PROTECTED AREA - SUBSIDENCE CONTROL PLAN (25° ANGLE OF DRAW)
- LR 32014 STATE ROAD
- UNIMPROVED ROAD
- TR 46 TOWNSHIP ROAD
- BRIDGE
- CULVERT
- ELEVATIONS ROAD
- 1171 FLEVATIONS STREAM
- ++++++ RAILROAD TRACKS
- DIAMOND (DDH) OR AIR DRILL (ADH)
- SWAMP OR MARSH
- > \> \> DITCH
- 50% PROTECTED STRUCTURE
- A NONPROTECTED STRUCTURE
- 3x DWELLING BUILT AFTER APRIL 1966
- † CHURCH
- † CEMETERY
- PILLARED
- (NAME) ORIGINAL COAL OWNER, SHOWN FOR REFERENCE ONLY
- NAME PRESENT SURFACE OWNER
- PRIOR DEEP AND SURFACE MINING
- NO MINING ZONE
- ● LOCATION OF ALL MINE OPENINGS TO BE SEALED
- ☆ BACKGROUND SURFACE WATER SAMPLE
- ✚ SURFACE WATER MONITORING PT
- ▲ PUBLIC WATER SUPPLY
- ⬡ EXISTING GROUND WATER MONITORING PT
- ▣ PROPOSED GROUND WATER MONITORING PT
- ⬡ BACKGROUND GROUND WATER SAMPLE PT
- CONSTRUCTED POND, DIKE, OR EMBANKMENT
- TOE OF EXISTING SPOIL, MINE ROCK, OR COAL REFUSE PILE

NOTE:
1. THERE ARE NO IMPOUNDMENTS EXCEEDING 20 AC. FT. WITHIN PROPOSED PERMIT AREA.
2. ALL COAL TO BE MINED IS OWNED BY THE FLORENCE MINING COMPANY EXCEPT WHERE OTHERWISE NOTED ON PROPERTY
3. SURFACE PROPERTY LINES HAVE BEEN SUPPLEMENTED BY INDIANA COUNTY TAX ASSESSMENT MAPS AND NOT BASED ON ACTUAL PROPERTY SURVEY
4. NO AREA HAS BEEN DECLARED UNSUITABLE FOR MINING
5. NO MAJOR AQUIFERS HAVE BEEN IDENTIFIED
6. THERE ARE NO LANDSLIDE AREAS IN THE VICINITY OF THE AREAS TO BE AFFECTED BY SURFACE OPERATIONS AND FACILITIES.



THE FLORENCE MINING COMPANY
ROBINSON, BLACKLICK & NO. 1 SHAFT PORTALS
EAST & WEST WHEATFIELD TOWNSHIPS
PERMIT NO. 204-7 SCALE: 1" = 400

FLORENCE NO. 1 MINE
LOWER KITTANNING "B" SEAM
INDIANA COUNTY, PA
DATE: 1/6/86