LEGEND

- ACTIVE GAS WELL
- INACTIVE GAS WELL
- WATER WELL
- SPRING
- POND
- FLOW MEASUREMENT POINT
- STREAM - PERENNIAL
- STREAM - INTERMITTENT
- PIPELINE OR UNDERGROUND CABLE (SIZE, OIL OR GAS AS LABELED)
- PROPERTY LINE
- POWER LINE (100 KV OR LARGER)
- 100' COAL CONTOUR LINE
- FAULT OR LOW COAL ZONE
- CROPLINE
- 100' COVER LINE
- SUBSIDENCE CONTROL PLAN BOUNDARY
- PERMIT BOUNDARY
- 1000' PERIMETER LINE
- PROTECTED AREA - SUBSIDENCE CONTROL PLAN (SEE ANGLE OF DRAW)
- STATE ROAD
- UNIMPROVED ROAD
- TOWNSHIP ROAD
- BRIDGE
- CULVERT
- ELEVATIONS - ROAD
- ELEVATIONS - STREAM
- RAILROAD TRACKS
- DIAMOND (DDH) OR AIR DRILL (ASH)
- SPRING OR MARSH
- DITCH
- PROTECTED STRUCTURE
- NONPROTECTED STRUCTURE
- DWELLING BUILT AFTER APRIL 1966
- CHURCH
- CEMETERY
- PILLARED
- (NAME) ORIGINAL COAL OWNER, SHOWN FOR REFERENCE ONLY
- NAME PRESENT SURFACE OWNER
- PROP. DEEP AND SURFACE MINING
- NO MINING ZONE
- GAS PROPERTY IS UNDER, NEGOTIATING FOR ACQUIRING THE GAS
- LOCATION OF ALL MINE OPENINGS TO BE SEALED
- BACKGROUND SURFACE WATER SAMPLE
- SURFACE WATER MONITORING PT
- PUBLIC WATER SUPPLY
- EXISTING GROUND WATER MONITOR WELL PT
- PROPOSED GROUND WATER MONITORING PT
- BACKGROUND GROUND WATER SAMPLE PT
- CONSTRUCTED POND, DIKE, OR EMBANKMENT
- TOE OF EXISTING SPOIL, MINE ROOF, 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 MAJOR AND SEMI-MAJOR IMPOUNDS. FOR MINING
5. NO MAJOR MODIFIERS HAVE BEEN IDENTIFIED
6. THERE ARE NO LANDSLIDE AREAS IN THE VICINITY OF THE AREAS TO BE AFFECTED BY SURFACE OPERATIONS AND FACILITIES.

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	
11-26-86		

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

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH C. WILCOX, JR.
No. 730752-E
ENGINEER

RECEIVED
NOV 26 1986
Dept. of Environmental Resources
McMurray District Office

1000' PERIMETER LINE
25° ∠ OF DRAW LINE
PERMIT BOUNDARY
SUBSIDENCE CONTROL PLAN BOUNDARY
VINTON NO. 17 "B" SEAM MINE
MINE POOL 1355
BLACKLICK CREEK
CONNELLY "B" SEAM STRIP
ANGELLO "D" SEAM STRIP
JACKSON NO. 1 "B" SEAM MINE
MINE POOL 1350
BLACKLICK "B" SEAM STRIP
DRIFT MOUTHS
SOIL STOCKPILE
ABANDONED FLORENCE MINING CO. MINE
H. MACK "D" SEAM STRIP
THOMPSON NO. 1 "D" SEAM MINE
MARDIS RUN "B" SEAM MINE
MINE POOL - UNKNOWN
DIAS "D" SEAM MINE
SEAM TO SEAM COAL CHUTE
KESSEMIN MAHONING "SEAM STRIP"
KESSELAR "C" & "D" SEAMS STRIPS
DEWATERING BOREHOLES
VENTILATION BOREHOLE 1706'
HOWARD "D" SEAM STRIP
BANKS WRIGHT MAHONING "SEAM STRIPS"
KISKIMINETAS "B" SEAM MINE
MINE POOL 1328
MINED OUT AREA
KISKIMINETAS COAL COMPANY
DEWATERING BOREHOLE "A" EL. 1148
CONEMAUGH NO. 1 "B" SEAM MINE
CONEMAUGH NO. 1 "B" SEAM MINE
MINE POOL - 1166
PERMIT BOUNDARY
1000' PERIMETER LINE
N
SCALE: 1"=400
400 0 400 800 feet

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: 11/6/86