THE FLORENCE MINING COMPANY

ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT

Operation: ROBINSON No.1 MINE	Permit No: 3284131/9
Township: EAST & WEST WHEATFIELD	County: INDIANA
Coal Seam: LOWER KITTANNING	Geologic Group: ALLEGHENY

REPERMITTING APPLICATION
EXHIBIT A
MINE DEVELOPMENT MAP

Date	Revisions	Approved By
3-10-86		
5-7-86		
6-17-96		
11-6-87	SUBSID. CONTROL AREA	

Date: Scale: 1"=400'

Drawn By: M.J.C.

Approved By / Date:

Drawing No: 3 of 5

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH C. WILCOX, JR.
ENGINEER
030782E

LEGEND

- INACTIVE GAS WELL
- ACTIVE GAS WELL
- WATER WELL
- SPRING
- POND/IMPOUNDMENT
- FLOW MEASUREMENT POINT
- PERENNIAL STREAM
- INTERMITTENT STREAM
- PIPELINE/AGROUND CABLE size, oil, or gas labeled
- PROPERTY LINE
- POWER LINE (500 KVA or larger)
- COAL CONTOUR LINE
- CROPLINE
- FAULT or LOW COAL LINE
- 1000' PERIMETER LINE
- STATE ROAD
- TOWNSHIP ROAD
- UNIMPROVED ROAD
- PERMIT BOUNDARY
- SUBSIDENCE CONTROL PLAN BOUNDARY
- NO MINING ZONE
- DEPTH OF COVER LINE
- FRICH DEEP AND SURFACE MINING
- PROTECTED AREA—SUBSIDENCE (25° ANGLE OF DRAW)
- MINE OPENINGS (TO BE SEALED)
- DIAMOND (DDH) OR AIR (ADH) DRILL HOLE
- PROTECTED STRUCTURE
- NONPROTECTED STRUCTURE
- DWELLING BUILT AFTER APRIL, 1966
- BACKGROUND GROUNDWATER SAMPLE PT.
- EXIST. GROUNDWATER MONITORING PT.
- PROP. GROUNDWATER MONITORING PT.
- BACKGROUND SURFACE SAMPLE PT.
- SURFACE WATER MONITORING PT.
- PUBLIC WATER SUPPLY
- CURRENT MINING
- BRIDGE
- CULVERT
- ROAD el.
- STREAM el.
- RAILROAD TRACKS
- SWAMP/MARSH
- DITCH
- CONSTRUCTED EMBANKMENT
- TOE OF SPOIL, ROCK OR COAL REFUSE PILE
- PILLARED
- CHURCH
- CEMETERY
- (NAME)-ORIG. COAL OWNER
- NAME-SURFACE OWNER

1. THERE ARE NO IMPOUNDMENTS EXCEEDING 20 ACRE FT. EXCEPT AS NOTED.
2. SURFACE PROPERTY LINES ARE SUPPLEMENTED BY COUNTY TAX ASSESSMENT MAPS AND ARE NOT BASED ON ACTUAL SURVEY.
3. ALL COAL TO BE MINED IS OWNED OR LEASED BY THE FLORENCE MINING COMPANY EXCEPT AS NOTED.
4. NO AREA HAS BEEN DECLARED UNSUITABLE FOR MINING.
5. NO MAJOR AQUIFERS HAVE BEEN IDENTIFIED.
6. THERE ARE NO LANDSLIDE AREAS NEAR THE AREAS TO BE AFFECTED BY SURFACE OPERATIONS AND FACILITIES.