

REVISIONS			UPDATES		
BY	BRIEF	DATE	BY	BRIEF	DATE
KLM	PROJECTIONS	5/03/90			
KLM	PROJ. REV.	5/29/90			
PKP	FACE UPDATE	3/14/91			
WLP	FACE UPDATE	4/10/91			
WLP	FACE UPDATE	6/2/91			
TJT	VENTILATION ADD.	9/20/91			
PKP	FACE UPDATE	12/9/91			
PKP	FINAL MAP	3/24/93			

**PERMANENT MONUMENT INFORMATION**

- NO. 59 N 44,925.7185  
E 96,747.5662  
EL. 1076.22'
- NO. 60 N 44,543.9569  
E 96,501.6562  
EL. 1099.19'
- NO. 61 N 44,702.4943  
E 96,725.1379  
EL. 1115.35'

NOTE: STARVAGGI INDUSTRIES, INC. IS THE OWNER OF ALL THE PITTSBURGH SEAM WITHIN OR CONTIGUOUS TO THE PROPOSED PERMIT AREA.

- LEGEND**
- SURFACE PERMIT BOUNDARY
  - UNDERGROUND PERMIT LINE
  - 6 MONTH PROJECTION LIMITS
  - INTAKE
  - RETURN
  - BLEEDER
  - PERMANENT STOPPING
  - REGULATOR
  - BOXCHECK
  - MANDOOR
  - OVERCAST
  - CHECK CURTAIN
  - FRAMED CHECK CURTAIN
  - LOADING POINT
  - BELT
  - PRIMARY ESCAPEWAY
  - SECONDARY ESCAPEWAY
  - SURVEY STATION
  - COAL CONTOUR
  - SUPPORT BLOCK (50% MINING)
  - PILLARED AREA
  - STRUCTURE INVENTORY NUMBER
  - PRE-1966 STRUCTURE
  - BELT OVER TRACK
  - DOOR
  - COMPLETED OVERCAST
  - ROCK FAULT
  - PERMANENT MONUMENT
  - SEAL
  - CRIB BLOCKS
  - AVERAGE ENTRY WIDTH - 18'

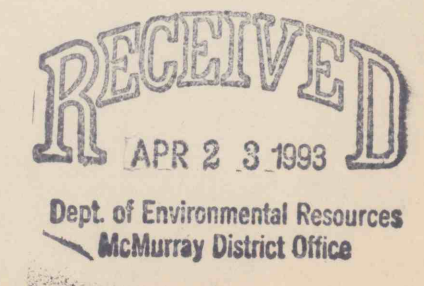
- PROPERTY OWNERS**
- ① WEIRTON ICE & COAL SUPPLY CO.
  - ② PENNWEIR CONSTRUCTION COMPANY
  - ③ PENNWEIR CONSTRUCTION COMPANY
  - ④ BERNADINE C. MANICELLI  
c/o STEVE MACUGOSKI
  - ⑤ CHARLES A. & CHERLYN IVANAC  
c/o EQUIBANK MRTG. SERVICE
  - ⑥ DANIEL & MARY ORENCHUK
  - ⑦ PENNWEIR CONSTRUCTION COMPANY
- 
- MAIN FAN DATA:**
- MANUFACTURER: JEFFERY MANUFACTURING CO.  
 TYPE: AERODYNE  
 SIZE: 5 FEET DIAMETER  
 SPEED: 900 R.P.M. BELT DRIVEN  
 WATER GAUGE:  
 QUANTITY OF AIR:  
 PRESENT BLADE SETTING: SOLID BLADES
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- MOTOR DATA:**
- MANUFACTURER: U.S. ELECTRIC MOTORS, INC.  
 TYPE: A.C.  
 HORSEPOWER: 50 H.P.  
 VOLTAGE: 480 V.  
 AMPERE RATING: 52 AMP

PERMITEE:  
**BOLOGNA COAL COMPANY**  
 P.O. BOX 271  
 BURGETTSTOWN, P.A. 15021

OPERATOR: MORGAN ENERGY

**FINAL MAP**  
**EAST MINE**  
 JEFFERSON TOWNSHIP  
 WASHINGTON COUNTY PENNSYLVANIA  
 P.A. M.A.P. NUMBER 63881301 (BOLOGNA COAL COMPANY)  
 M.S.H.A. ID NUMBER 36-08068  
 SHEET 5 OF 8 SCALE: 1" = 100'

Prepared By:  
 CHARBEL ENGINEERING SERVICES  
 Box 4-A, Lemont Furnace, PA 15456  
 (412)439-1313



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24"x36"

Match Line

