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- INDEX
- 1 Gertrude Ruffner
 - 2 Gertrude Ruffner
 - 3 Methodist Church
 - 4 Dennis Lockard
 - 5 Murray L. Martin
 - 6 James H. Smith
 - 7 Elsie Rethi
 - 8 Dorothy Rethi
 - 9 Lynn Rethi
 - 10 Paul E. Herberling
 - 11 Monroe J. Herberling
 - 12 Monroe J. Herberling

- LEGEND
- MINE DRAINAGE PERMIT 220.0 acs.
 - MINE PERMIT acres
 - BARRIER ZONES
 - SEDIMENT PONDS
 - TREATMENT FACILITIES
 - DIVERSION STRUCTURE
 - LEVEL LIP SPREADERS
 - COLLECTION STRUCTURES
 - SEQUENCE OF MINING
 - PROPOSED AUGER ZONE
 - PREVIOUSLY SURFACE MINED
 - ABANDONED DEEP MINE EXTENT
 - SEDIMENT TRAP
 - APRON OF RIPRAP
 - LOWER FREEPORT COAL OUTCROP
 - SOILS QUALIFIED AS PRIME FARMLAND
 - PRIME FARMLAND STOCKPILES
 - CROSS SECTION
 - PROPOSED BLASTING AREA

BOND STATUS

PREVIOUSLY PERMITTED	102288-32823009-01	MINING 11.8	SUPPORT 9.4	21.2
ISSUED INCREMENT	102298-32823009-02	MINING 15.0	SUPPORT 9.5	24.5
NEW INCREMENT	102288-32823009-03	MINING 4.6	SUPPORT 2.4	7.0

VAPCO ENGINEERING
PUNTSUTAWNEY PENNSYLVANIA

APPROVED: _____
DATE: _____

APPROVED: _____
DATE: _____

APPROVED: _____
DATE: _____

NOTES

1. This map has been prepared from county tax maps, deed & field notes. This does not represent an actual survey of properties shown.

2. Contours and natural features were taken from enlarged 7 1/2 min. Cyner USGS quadrangle.

PROPOSED SURFACE MINE
MEARS ENTERPRISES INC.

TANOMA MINE
Royne Twp. Indiana Co.

EXHIBIT 9

OPERATIONS
MAP

REVISIONS

BY	DATE	REVISION
BL	Jan. 30, 1985	
HB	9/3/65	

SCALE 1"=400'

FILE NO. "N"