



LEGEND

- AREA AFFECTED 1464 ACRES
- - - - PROPERTY LINES
- - - - PROPOSED MINING SEQUENCE
- ○ ○ ○ WELLS & SPRINGS
- ▬▬▬▬ STREAM & ROAD BARRIERS (100 feet)
- ▬▬▬▬ GAS WELL BARRIER (125 feet)
- SEDIMENTATION BASIN
- ○ ○ ○ TREATMENT PONDS
- ▬▬▬▬ SEDIMENTATION DITCH
- ▬▬▬▬ UPSLOPE DIVERSION DITCH
- ▬▬▬▬ EROSION CONTROL DIKE
- ▬▬▬▬ EROSION CONTROL TERRACE
- ▬▬▬▬ TOPSOIL STORAGE AREA
- ▬▬▬▬ DRAINAGE SUBAREA
- ▬▬▬▬ AREAL EXTENT OF SURFACE MINING
- ○ ○ ○ PROPERTY OWNERSHIP KEY (KEYED TO MODULE 5)
- △ SEED MIXTURE
- - - - UTILITY LINES
- ▬▬▬▬ ROCK CHECK DAMS

PRE-MINING LAND USE

- ▨ CROPLAND
- ▩ FORESTLAND
- ▩ RURAL RESIDENTIAL

POST-MINING LAND USE
SEE NOTE 7

NOTES

- 1) THE EROSION AND SEDIMENTATION CONTROL PLAN AS DESIGNED ASSUMES MINING THE ENTIRE AREA. DEVIATIONS FROM THE PLAN MAY BE DUE TO CURRENT MARKET DEMANDS, EQUIPMENT LIMITATION AND MINING METHODOLOGIES. ADDITIONALLY, DESIGN SPECIFICATIONS WILL BE ADJUSTED FOR THE ACTUAL DISTURBED AREA, IF NEEDED, THEN FORWARDED TO THE DEPARTMENT FOR APPROVAL.
(SEE THE EROSION AND SEDIMENTATION CONTROL PLAN TABLES AND NARRATIVE FOR DESIGN SPECIFICATIONS AND DESCRIPTIVE INFORMATION.)
- 2) THE CULTURAL DATA PRESENTED ON THIS MAP HAS BEEN FIELD CHECKED AND CORRECTED RELATIVE TO THAT ON THE U.S.G.S. TOPOGRAPHIC BASE MAP.
- 3) PROPERTY LINES AND OWNERS ARE BASED UPON CURRENT COUNTY TAX ASSESSMENT MAPS, UNLESS DETERMINED BY FIELD SURVEY.
- 4) NO HAUL ROADS NOR EROSION AND SEDIMENTATION CONTROL FACILITIES WILL REMAIN AS POST-MINING LAND USE.
- 5) ALL AREAS WILL BE RESTORED TO A.O.C. WITH NO FINAL SLOPES 20° OR GREATER.
- 6) THE RESTORED DRAINAGE PATTERN WILL APPROXIMATE THE ORIGINAL DRAINAGE PATTERN.
- 7) THE POST-MINING LAND USE WILL BE THE SAME AS THE PRE-MINING LAND USE.

EXHIBIT 18: LAND USE & RECLAMATION MAP

SWISTOCK ASSOCIATES COAL CORPORATION

FRANCE JOB

BLOOM TWP CLEARFIELD CO., PA.

MINE DRAINAGE NO. 17803000

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CLEARFIELD, PA.

NESS & FISHER ENGINEERS, INC.

File # M-0287 SCALE 1 inch = 400 feet

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