URLING NO. 3E PERMIT BOUNDARY
DUTCH RUN PERMIT BOUNDARY
URLING NO. 1 MINE
C.M.A.P. #32841312
ACTIVE DEEPMINE
UPPER KITTANNING SEAM
WASHINGTON TWP - 182 ACRES
ARMSTRONG TWP - 2,973 ACRES
PROPOSED #2 VENTILATION SHAFT
MOBILE HOME PARK
229-X
CROOKED CREEK
200' BARRIER
ZONE OF INFLUENCE
MITCHELL RUN
DARK HOLLOW RUN
SR 4001
SR 4002
T 335
POND #1
POND #2
POND #3
POND #4
DDH #1639
DDH #2712
DDH #3316
DDH #1999
DDH #2000
DDH #2616
LEGEND
GAS WELL
WATER WELL
SPRING
POND/IMPOUNDMENT
FLOW MEASUREMENT PT.
PERENNIAL STREAM
INTERMITTENT STREAM
PIPELINE/U'GROUND 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
MINES REFERENCED TO MODULE 9.2
UPPER FREEPORT COAL CONTOUR LINE (GREEN LINED)
PERMIT BOUNDARY
SUBSIDENCE CONTROL PLAN BOUNDARY
NO MINING ZONE
DEPTH OF COVER LINE
PRIOR DEEP MINING UF
PRIOR DEEP MINING UK
PROTECTED AREA - SUBSIDENCE (25° ANGLE OF DRAW)
BOREHOLE (MINE OPENINGS)
DRILL HOLE
NONPROTECTED STRUCTURE
NONPROTECTED STRUCTURE
DWELLING BUILT AFTER APRIL, 1966
BACKGROUND GROUNDWATER SAMPLE PT.
EXISTING GROUNDWATER MONITORING PT.
WATER WELL MONITORING PT.
BACKGROUND SURFACE SAMPLE PT.
SURFACE WATER MONITORING PT. (existing & proposed)
P.W.S. PUBLIC WATER SUPPLY
CURRENT MINING
SURFACE PERMIT AREA
BRIDGE
CULVERT
RAILROAD
SWAMP/MARSH
DITCH - OR DRAINS
TOE OF SPOIL, ROCK OR COAL REFUSE PILE
CHURCH
CEMETERY
PILLARED
ZONE OF INFLUENCE
NOTES:
1. 20' SURFACE CONTOUR INTERVAL
2. 10' COAL CONTOUR INTERVAL
KEYSTONE COAL MINING CORP.
ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT
Operation: URLING No.3E MINE
Permit No: 32841323
Township: ARMSTRONG AND WASHINGTON
County: INDIANA
Coal Seam: UPPER FREEPORT
Geologic Group: ALLEGHENY
EXHIBIT 19.2
ENVIRONMENTAL RESOURCES MAP
Date Revisions
APR 07 1997
SEAL
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
DAVID ALAN COBAUGH
ENGINEER
Date:
Scale: 1" = 400'
Approved By / Date:
Drawing No:2 OF 2
IMAPSH16734