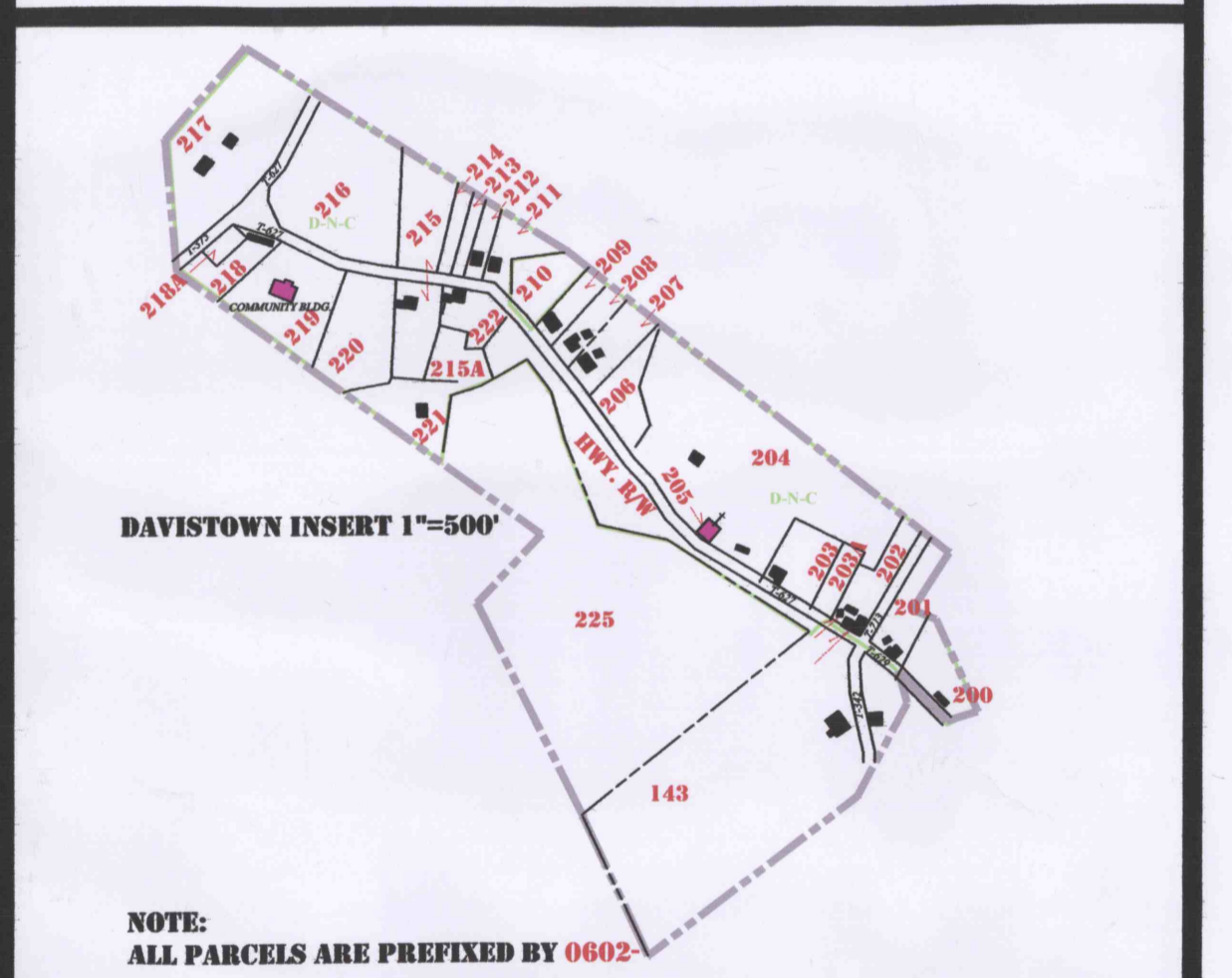


- ### LEGEND
- UNDERGROUND PERMIT BOUNDARY - 2100.0 AC.
 - SUBSIDENCE CONTROL PLAN AREA - 390.0 AC.
 - 0602-138-A PROPERTY ID
 - PROPERTY LINES
 - ACT 54 OCCUPIED STRUCTURES
 - ACT 54 UNOCCUPIED STRUCTURES
 - POWER LINES
 - PAVED ROADS
 - NATURAL GAS PIPE LINES (≈ 4")
 - WATER LINES
 - PERENNIAL STREAMS
 - INTERMITTENT STREAMS
 - EPHEMERAL STREAMS
 - GAS / OIL WELL
 - DEEP MINE FACE-UP BONDED AREA
 - 100' COVER LINE
 - SEWICKLEY COAL CONTOURS
 - ▲ 001 NPDES MONITORING POINT
 - DC-2 BACKGROUND SAMPLE POINT
 - ⊕ PZ-2 PEIZOMETERS INSTALLED BY THE OPERATOR
 - 1000' OFFSET
 - A-A' GEOLOGIC CROSS-SECTIONS
 - B & M NO. 2 MINE
 - DANA MINING CO. OF PA (DOOLEY RUN MINE)
 - DANA MINING CO. OF PA (TITUS MINE)
 - PETITTE ENERGY MINE (PETITTE NO. 1)
 - DAVISTOWN MINE
 - MEADOW RUN MINE
 - DUQUESNE LIGHT (WARWICK NO. 3 MINE)
 - DEAN COAL COMPANY
 - MINE POOLS
 - SHANNOPIN MINE
 - HUMPHREY NO. 7 MINE
 - SEWICKLEY OUTCROP
 - ABANDONED STRIP MINE
 - WAYNESBURG SEEP
 - SPRING
 - DRILLHOLES
 - WELLS
 - ◆ HMR MONITORING POINTS



- NOTE:
ALL PARCELS ARE PREFIXED BY 0602
- Notes:
- 1) The point source discharge for this mine is at NPDES Pt 001, Pt 002.
 - 2) There are no waste, faults, or areas of unminable thickness believed to be located within the mining area.
 - 3) There are no state or public parks within the mine boundary.
 - 4) There are no waste disposal, coal refuse disposal sites, or landside prone area within the mine boundary.
 - 5) There are no areas designated as unsuitable for mining, or under petition for such designation.
 - 6) The Pittsburgh mine pool is rising and its current level is 794'.
 - 7) The mining area is located between the Fayette Anticline and the Whiteley Syncline.
 - 8) There are no schools or hospitals on the permit area.
 - 9) There are no impoundments or bodies of water greater than 20-acre-feet located on the permit area.
 - 10) Please see Exhibit 5.2 for Sewickley Coal Seam Property information.
 - 11) None of the streams that are located within the permit area serve as sources of public water supply.
 - 12) There are no areas within a corridor under the National System of Trails.
 - 13) None of the proposed mining area is within the corridor of a Wild and Scenic River.
 - 14) There are no cultural or historic resources listed on the National Register of Historic Places.
 - 15) There are no known archeological or Indian burial ground sites.
 - 16) There are no state forests or state wilderness areas located within 1000' of the proposed permit area.
 - 17) There are no discharges from abandoned underground mines.
 - 18) The orientation of Meadow Run Mine and Petite No. 1 Mine were determined by surveying the existing permanent monuments and digitizing the workings onto this map using the Shannopin coordinate base that both mines used.
 - 19) The coordinate system used during the development of this map was commonly used by Shannopin Mine. The Shannopin Mine workings were digitized and placed on its coordinate base.
 - 20) The Duquesne Light Warwick #3 Mine workings were digitized off of mylars obtained by the applicant.
 - 21) Reference Exhibit 5.2 map for all HMR monitoring points.

Dana Mining Company of PA, Inc.

4-WEST MINE
EXHIBIT 6.3
ENVIRONMENTAL RESOURCE MAP
UNDERGROUND PERMIT AREA
DUNKARD TOWNSHIP, GREENE COUNTY

GARARDS FORT, PA AND OSAGE, WV-PA (7.5) QUADRANGLE MAP
AUGUST 1, 2003 SCALE: 1" = 500'

DRAWN BY: WAW MFN: 36-03-1002-B