



EXHIBIT V
EASTERN MINING CO., MD 4775SMB AND MD 4977SMS

TOPOGRAPHIC AND OPERATIONS MAP AND WATER MONITORING PLAN
RATTLER HILL ROAD, MORRIS TOWNSHIP, TIOGA COUNTY, PA.
SCALE 1" = 400 FEET, GRID BASED ON PA. COORD.-NORTH ZONE
PREPARED FROM 7 1/2" MORRIS & ANTRIM USGS QUAD, C.1. = 20 FT.
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- LEGEND
- Property Lines
 - Limits of Affected Area
 - Public Roads
 - Tiebar and Mining Access Roads
 - House or Camp
 - Building
 - Mine Waste
 - Pre-act Surface Mine Disturbed Area
 - Lights of Underground Mining
 - Surface Mine Restored Areas
 - Mine Entry
 - Coal Outcrop Line
 - Mining Permit Limit
 - Test Hole
 - Measured Coal Section
 - Block Vein Structure Contour
 - Dip and Strike
 - Joint

- LEGEND
- Existing Well
 - Spring
 - Proposed Monitoring Well
 - Proposed Pit Water Treatment Ponds
 - Water Sampling Station N = Monitor B = Background
 - Proposed Sedimentation Pond with Protected Outlet
 - Surface Mining Barrier - Road - Stream - Structures
 - Underground Water Flow
 - Surface Slope Measurement
 - Fault
 - Surface Mine Highwall
 - Proposed Surface Water Diversion Ditch

