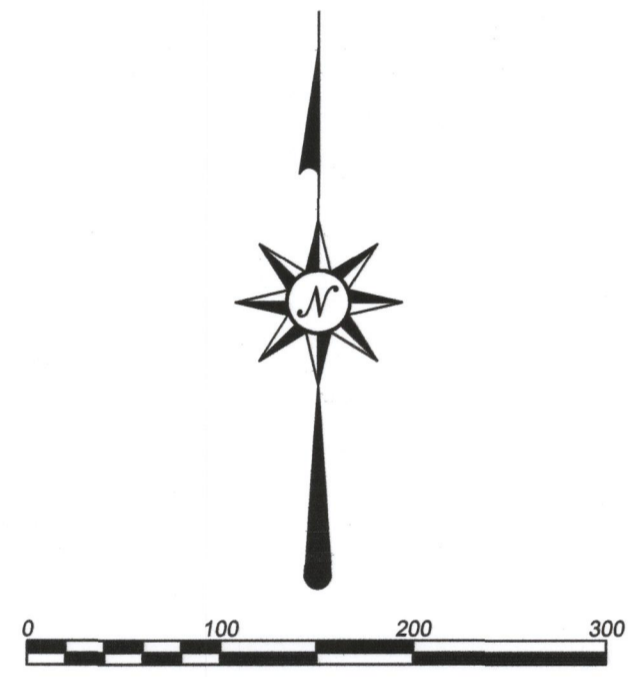


LEGEND

- PROPOSED IBR
- EXISTING PERMIT BOUNDARY
- PROPERTY LINE
- EXISTING SURFACE CONTOURS (2FT INTERVAL)
- EXISTING UNPAVED ROAD
- EXISTING STRUCTURES
- UTILITY POLE
- UTILITY LINE
- PROPOSED CONTOURS (2FT INTERVALS)
- TREE LINE
- WETLANDS
- STREAM
- EXISTING DITCH
- DIVERSION DITCH
- COLLECTION DITCH
- DITCH SEGMENT
- PROPOSED ACCESS ROAD WITH ROADSIDE DITCHING
- NPDES OUTLET POINT
- PRE-ACT AFFECTED AREA

EARTHWORK QUANTITIES

- HIGH BENCH ACCESS ROAD:**
TOP SOIL - 6,934 CY
CUT - 22,691 CY
FILL - 776 CY
NET CUT - 21,915 CY
 - LOW BENCH ACCESS ROAD:**
TOP SOIL - 1,086 CY
CUT - 2,084 CY
FILL - 0 CY
NET CUT - 2,084 CY
 - RAW PILE CLEAN-OUT ACCESS ROAD:**
TOP SOIL - 0 CY
CUT - 36 CY
FILL - 60 CY
NET FILL - 24 CY
 - MAIN ACCESS ROAD:**
TOP SOIL - 0 CY
CUT - 578 CY
FILL - 464 CY
NET CUT - 114 CY
- TOTAL: 24,089 CY CUT**



STONE QUANTITIES

- HIGH BENCH ACCESS ROAD:**
SURFACE MATERIAL - WVDH CLASS 1 AGGREGATE = 1,008 CY
BASE MATERIAL - WVDH AASHTO M43, #1 COARSE AGGREGATE = 504 CY
 - LOW BENCH ACCESS ROAD:**
SURFACE MATERIAL - WVDH CLASS 1 AGGREGATE = 251 CY
BASE MATERIAL - WVDH AASHTO M43, #1 COARSE AGGREGATE = 224 CY
 - RAW PILE CLEAN-OUT ACCESS ROAD:**
SURFACE MATERIAL - WVDH CLASS 1 AGGREGATE = 157 CY
BASE MATERIAL - WVDH AASHTO M43, #1 COARSE AGGREGATE = 79 CY
 - MAIN ACCESS ROAD:**
SURFACE MATERIAL - WVDH CLASS 1 AGGREGATE = 575 CY
BASE MATERIAL - WVDH AASHTO M43, #1 COARSE AGGREGATE = 288 CY
- TOTAL:**
SURFACE MATERIAL - WVDH CLASS 1 AGGREGATE = 1,991 CY
BASE MATERIAL - WVDH AASHTO M43, #1 COARSE AGGREGATE = 996 CY

NOTE:

1. *QUANTITIES REFLECTED HERE INCLUDE ROADWAY AREAS FOR TRANSFER AND TOWER #2 GRAVITY TAKE-UP AREAS BUT NOT THE STRUCTURE FOOTPRINTS.
2. PROPOSED CUT & FILL SLOPES AND ROAD WAY DETAILS (WIDTHS AND GRADE) SHOWN ON THE DRAWINGS AND CROSS SECTIONS ARE APPROXIMATE. CONSTRUCTION SLOPES AND DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
3. SEE SEPARATE ATTACHMENT FOR DRAINAGE COMPONENT TABLE.

I, SEAN C. ISGAN, HEREBY CERTIFY THAT THIS MAP IS CORRECT, AND SHOWS TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION REQUIRED BY THE MINING LAWS OF THIS COMMONWEALTH.

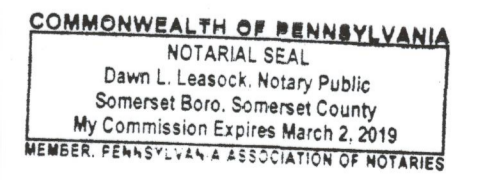
SEAN C. ISGAN
NOTARIAL SEAL

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF Somerset
TAKEN, SUBSCRIBED AND SWORN TO BEFORE ME THIS 13 DAY

OF May, 2015.

NOTARY PUBLIC: D. J. Seacord

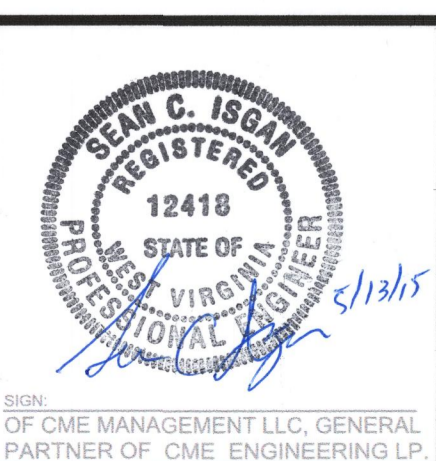


ORIGINAL MAPPING PROVIDED BY MURRAY ENERGY

| REVISIONS | | | |
|-----------|-----|------------|--------------------|
| No. | By | Date | Description |
| 01 | DJP | 11-18-2014 | INFORMAL REVISIONS |
| 02 | JWB | 2-25-2015 | DEP REVISIONS |

| | |
|--------------|---------------------------------------------|
| Drawn By: | JRS |
| Checked By: | MTS |
| Date: | 5-16-2014 |
| Scale: | 1" = 100' |
| Project No.: | 0881-W015 |
| File Name: | Marshall County Mine Raw Coal Stockpile.dwg |
| Drawing: | 1 of 1 |

CME ENGINEERING
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2001 Main Street, Suite 403, Wheeling, WV 26003
304-905-0161 FAX: 304-905-6126



PROPOSAL MAP
MCELROY COAL COMPANY
PREP PLANT RAW COAL STORAGE SITE
ARTICLE 3 PERMIT: U-33-83 NPDES PERMIT: WV0020834
MARSHALL COUNTY, WEST VIRGINIA