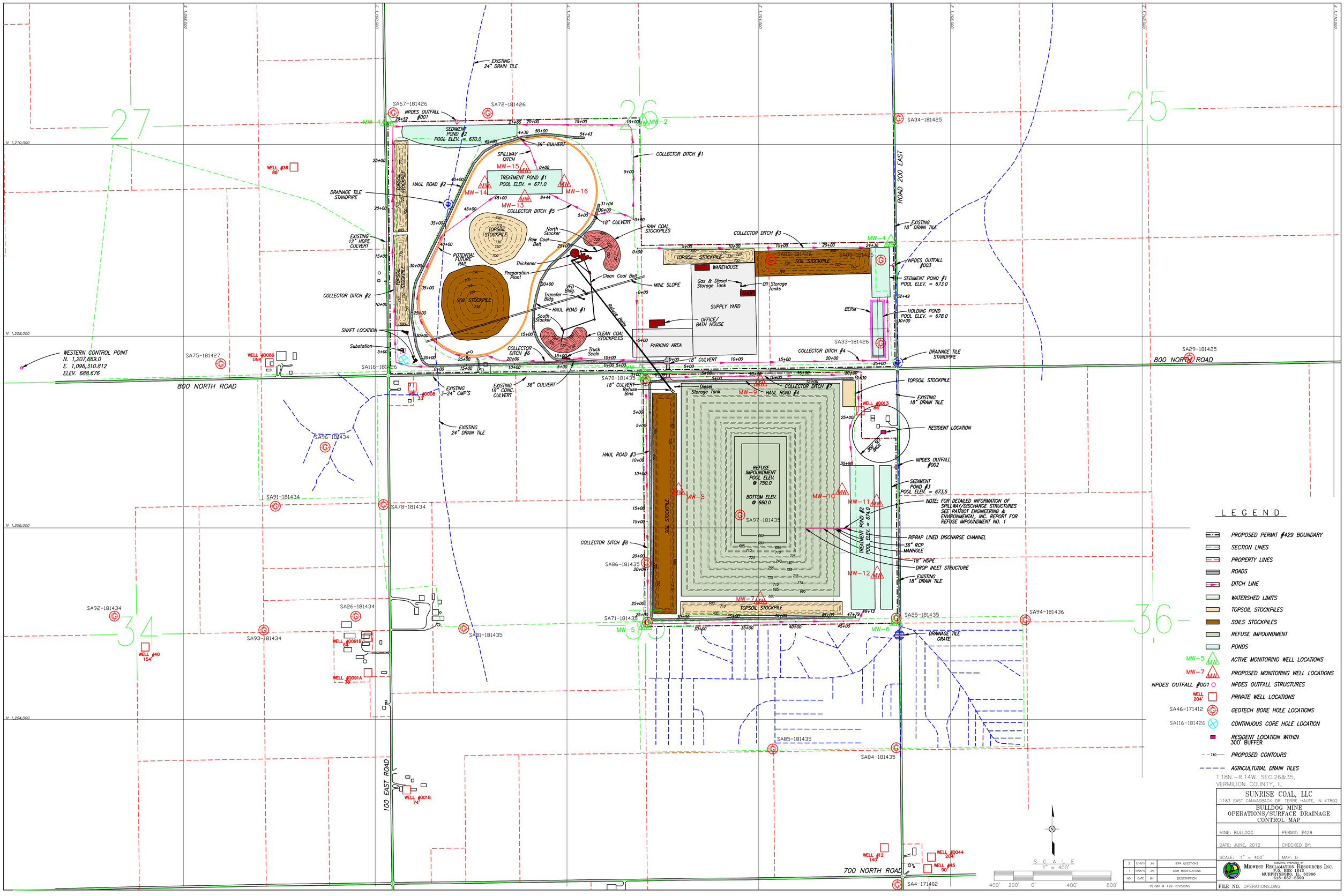
27
26
25
34
36
800 NORTH ROAD
700 NORTH ROAD
100 EAST ROAD
ROAD 200 EAST
N 1,210,000
N 1,208,000
N 1,206,000
N 1,204,000
E 1,098,000
E 1,100,000
E 1,102,000
E 1,104,000
E 1,106,000
E 1,108,000
E 1,110,000
WESTERN CONTROL POINT
N. 1,207,669.0
E. 1,096,310.812
ELEV. 688.676
EXISTING 24" DRAIN TILE
SA67-181426
SA72-181426
SA34-181425
NPDES OUTFALL #001
SEDIMENT POND #2
POOL ELEV. = 670.0
36" CULVERT
SPILLWAY DITCH
TREATMENT POND #1
POOL ELEV. = 671.0
COLLECTOR DITCH #1
COLLECTOR DITCH #5
18" CULVERT
RAW COAL STOCKPILES
HAUL ROAD #2
DRAINAGE TILE STANDPIPE
EXISTING 12" HDPE CULVERT
TOPSOIL STOCKPILE
SOIL STOCKPILE
POTENTIAL FUTURE RAIL
North Stacker
Raw Coal Belt
Thickener
Preparation Plant
Clean Coal Belt
MINE SLOPE
VFD Bldg.
Transfer Bldg.
HAUL ROAD #1
South Stacker
CLEAN COAL STOCKPILES
Refuse Belts
COLLECTOR DITCH #2
SHAFT LOCATION
Substation
COLLECTOR DITCH #6
Truck Scale
PARKING AREA
OFFICE/ BATH HOUSE
SUPPLY YARD
WAREHOUSE
Gas & Diesel Storage Tank
Oil Storage Tanks
COLLECTOR DITCH #3
COLLECTOR DITCH #4
SA89-181426
SA88-181426
SA33-181426
EXISTING 18" DRAIN TILE
NPDES OUTFALL #003
SEDIMENT POND #1
POOL ELEV. = 673.0
BERM
HOLDING POND
POOL ELEV. = 678.0
DRAINAGE TILE STANDPIPE
SA29-181425
SA75-181427
SA116-181426
SA70-181435
EXISTING 18" CONC. CULVERT
EXISTING 3-24" CMP'S
EXISTING 24" DRAIN TILE
Refuse Bins
Diesel Storage Tank
HAUL ROAD #4
COLLECTOR DITCH #7
TOPSOIL STOCKPILE
EXISTING 18" DRAIN TILE
RESIDENT LOCATION
300' BUFFER
NPDES OUTFALL #002
SEDIMENT POND #3
POOL ELEV. = 673.5
NOTE: FOR DETAILED INFORMATION OF SPILLWAY/DISCHARGE STRUCTURES SEE PATRIOT ENGINEERING & ENVIRONMENTAL INC. REPORT FOR REFUSE IMPOUNDMENT NO. 1
RIPRAP LINED DISCHARGE CHANNEL
36" RCP
MANHOLE
18" HDPE
DROP INLET STRUCTURE
EXISTING 18" DRAIN TILE
TREATMENT POND #2
POOL ELEV. = 674.0
REFUSE IMPOUNDMENT
POOL ELEV. @ 750.0
BOTTOM ELEV. @ 660.0
SA97-181435
HAUL ROAD #3
COLLECTOR DITCH #8
SA86-181435
SA71-181435
SA25-181435
SA94-181436
DRAINAGE TILE GRATE
SA92-181434
SA26-181434
SA93-181434
SA81-181435
SA91-181434
SA78-181434
SA96-181434
SA85-181435
SA84-181435
SA4-171402
MW-1
MW-2
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
WELL #36 86'
WELL #0086 UNK
WELL #0008 33'
WELL #0013 86'
WELL #40 154'
WELL #0091B 64'
WELL #0091A 38'
WELL #0018 74'
WELL #12 140'
WELL #0044 204'
WELL #45 90'
LEGEND
PROPOSED PERMIT #429 BOUNDARY
SECTION LINES
PROPERTY LINES
ROADS
DITCH LINE
WATERSHED LIMITS
TOPSOIL STOCKPILES
SOILS STOCKPILES
REFUSE IMPOUNDMENT
PONDS
MW-5 ACTIVE MONITORING WELL LOCATIONS
MW-7 PROPOSED MONITORING WELL LOCATIONS
NPDES OUTFALL #001 NPDES OUTFALL STRUCTURES
WELL 204' PRIVATE WELL LOCATIONS
SA46-171412 GEOTECH BORE HOLE LOCATIONS
SA116-181426 CONTINUOUS CORE HOLE LOCATION
RESIDENT LOCATION WITHIN 300' BUFFER
740 PROPOSED CONTOURS
AGRICULTURAL DRAIN TILES
T.18N.-R.14W. SEC.26&35,
VERMILION COUNTY, IL
SUNRISE COAL, LLC
1183 EAST CANVASBACK DR. TERRE HAUTE, IN 47802
BULLDOG MINE
OPERATIONS/SURFACE DRAINAGE CONTROL MAP
MINE: BULLDOG
PERMIT: #429
DATE: JUNE, 2012
CHECKED BY:
SCALE: 1" = 400'
MAP: D
SUBMITTAL PREPARED BY
MIDWEST RECLAMATION RESOURCES INC.
P.O. BOX 1642
MURPHYSBORO, IL 62966
618-687-5590
FILE NO. OPERATIONS.DWG
2 1/14/15 JN IEPA QUESTIONS
1 10/24/13 JN IDNR MODIFICATIONS
NO. DATE BY DESCRIPTION
PERMIT # 429 REVISIONS
SCALE 1" = 400'
400' 200' 0' 400' 800'