LEGEND

PERMIT BOUNDARY
SECTION CORNER
SECTION LINE
100' BUFFER ZONE
DISTURBANCE LIMIT
PONDS
MAJOR CONTOURS
POWER LINE
RANCH ROAD
RAILROAD
MINE ROAD

CERTIFICATION PURSUANT TO §17.24.321(3)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THE PLANS AND DRAWINGS FOR EACH HAUL ROAD, ACCESS ROAD, CONVEYOR, RAILROAD LOOP, AND LOW-WATER CROSSING OF PERENNIAL AND INTERMITTENT STREAMS REQUIRED UNDER (1) AND (2) ARE PREPARED BY, OR UNDER THE DIRECTION OF, AND CERTIFIED BY ME, A QUALIFIED LICENSED PROFESSIONAL ENGINEER WITH EXPERIENCED IN THE DESIGN AND CONSTRUCTION OF SUCH FACILITIES AND THAT THE DESIGNS MEET THE PERFORMANCE STANDARDS OF ARM 17.24.601, 17.24.602, 17.24.603, 17.24.605, AND CURRENT PRUDENT ENGINEERING PRACTICES.

MONTANA LICENSED PROFESSIONAL ENGINEER
EDWARD J. AUGUST VIREN III
No. 17686 PE

MTSPCS ZONE 2500
HORIZ - NAD83(Int. Ft.)(86 ADJ)
VERT - NGVD29 (U.S. FEET)

CONTOURS ARE BASED ON AERIAL PHOTOGRAPH FROM 2004 OUTSIDE OF THE FACILITIES AREA. AERIAL PHOTOGRAPHY FROM JUNE 2009 INSIDE OF THE FACILITIES AREA AND VARIOUS AS-BUILT SURVEYS TO SUPPLEMENT THE AERIAL PHOTOGRAPHY.

REV.	DATE	BY	DESCRIPTION
5	8/02/13	S.T.E	Update Permit MR 173 & MR 174
4	7/16/13	S.T.E	MR174 Steel Water Line
3	6/28/13	S.T.E	MR173 Coal Stockpile 1A
2	6/17/13	S.T.E	Update Permit MR167
1	4/30/13	S.T.E	MR167 WDA Parking

1200' 800' 400' 0'
SCALE: 1" = 400 FT.
C. I. = 10 FT.

BULL MOUNTAINS MINE NO. 1
Permit C1993017

MUSSELSHELL COUNTY, MONTANA

August 2, 2013

GENERAL SURFACE FACILITIES

MAP 308-2

I:\PERMIT\MINOR REVISIONS\MR 174 Mine Water Line\Permit Update\Permit Drawings\BMP Permit Application.dwg, 8/2/2013 9:18:31 AM