RECEIVED
JAN 18 2011
DIV. OF OIL, GAS & MINING
RECEIVED
DEC 29 2010
DIV. OF OIL, GAS & MINING

LILA CANYON MINE

SURFACE AREA
Official Disturbed Boundary Map

DATE: January 2008 | DESIGNED BY: R. Jay Marshall | PLATE #: 5-2
SCALE: AS SHOWN

BLM R.O.W. #UTU-77122

FEDERAL LEASE #SL-066490

FEDERAL LEASE #SL-066490

OUTCROP

OUTCROP

AREA BETWEEN ROADS DISTURBED, BUT NO TOPSOIL STRIPPED.

20' EACH SIDE OF CONVEYOR DISTURBED, BUT NO TOPSOIL STRIPPED.

A.S.C.A.
Disturbed

A.S.C.A.
Disturbed

Water Treatment Plant

Powder and Cap Magazines

Mine Portal Road

Truck Loadout Road

Existing County Road
RS-2477 ROW
Width of Disturbance

6' High Chain Link Fence

Non-Coal Waste Area

Stream Buffer Zone

ROM Coal Stockpile

Rock Slope Material
17'+4' Cover
@8,000 cyd

Topsoil Storage
Top pile = 5856
Bot. pile = 5830
Volume = 12,000 cyd

TOPSOIL COLLECTED FROM ROAD AROUND TOPSOIL PILE WILL BE PLACED IN BERM
BERM 10' WIDE x 2' HIGH WITH 2:1 SIDE SLOPES

Area

EMPLOYEE PARKING 191 SPACES

MINE PARKING 51 SPACES

Shop Warehouse

MCC BLDG

ELECTRICAL SUB-STATION

Above Ground Power To Portal

SECURITY

TURN TIELD

TRANSFORMER

SCATTERED BRUSH AND TREES

SCATTERED BRUSH AND TREES

SCATTERED BRUSH AND TREES

60" Conveyor

48" RECLAIM CONVEYOR

EMERG RECLAIM FEEDER

RECLAIM FEEDERS

Ventilation Rock Slope

Rock Slope

Mine Entrance Slope Bottom 6138

SLOPE = ±12%
N87°48'33"E

Rock Slope

POWER TUNNEL AND PIPE

EP TURNING RADIUS

Ventilation Rock Slope

Rock Slope

Mine Entrance Slope Bottom 6138

SLOPE = ±12%
N87°48'33"E

Rock Slope

Topsoil Storage
Top pile = 5856
Bot. pile = 5830
Volume = 12,000 cyd

TOPSOIL ACCESS ROAD

Truck Loadout Road

Existing County Road
RS-2477 ROW
Width of Disturbance

6' High Chain Link Fence

TOPSOIL COLLECTED FROM ROAD AROUND TOPSOIL PILE WILL BE PLACED IN BERM
BERM 10' WIDE x 2' HIGH WITH 2:1 SIDE SLOPES

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RECLAIM FEEDERS

POWER TUNNEL AND PIPE

EP TURNING RADIUS

2,325,000' E.

2,326,000' E.

2,327,000' E.

401,000' N.

400,000' N.

R 14 E, T 16 S

N

300' 150' 0' 75'

Mine Facility List

1. Office/Bathhouse
2. Shop Warehouse
3. Security Shack
4. Mine Substation
5. Underground Power Lines
6. Water Treatment Plant
7. Potable Water Tank
8. Process Water tank
9. Sewer Tank
10. Drain Field
11. Ventilatin Fan
12. 60" Conveyor Tunnels to Coal Stockpile
13. (ROM) Underground Belt from Stockpile to Crusher
14. 48" Conveyor from Crusher to Loadout Bin
15. Drop from Loadout Bin to Truck Loadout
16. Reclaim Tunnel, Escape Tunnel, Fan and Fan House
17. (ROM) Storage Pile, Coal Stocking Tube
18. Crusher Screen Plant
19. Truck Scale and Loadout
20. Coal Loadout Storage Bin
21. Guardrails
22. Underground Pipes
23. Chain Link Fence
24. Non-Coal Waste Area
25. Equipment & Supplies Storage Area
26. Topsoil Pile
27. Refuse Pile
28. Sediment Pond #1
29. Slope Access Road/Portal Access Road
30. Rock Slopes
31. Truck Loadout Road
32. Office/Bathhouse/Warehouse Asphalt Parking Area
33. Mine Parking
34. Fuel Tanks
35. Powder and Cap Magazines
36. Containment Pond #2

REVISION DATE:

BY:	DATE:
RJM	JAN 2008
PJJ	APR. 2009
PJJ	DEC. 2009
PJJ	AUGUST 2010
PJJ	SEPT. 2010

LEGEND:

- UNDISTURBED WITHIN THE DISTURBED AREA
- DISTURBED AREA BOUNDARY:
- NATURAL DRAINAGE:
- 6' HIGH CHAIN LINK FENCE
- INCIDENTAL ROCK DISTRIBUTION:
- STREAM BUFFER ZONE SIGNS
- NOTES:
- (1) REFER TO PLATE 5-7A&B FOR CROSS-SECTIONS.
- STRUCTURAL FILL:
- TEMP. REFUSE PILE (COAL MINE WASTE):
- TOPSOIL BERM:
- Stream Buffer Zone
- Ditch
- Culvert

R. JAY MARSHALL 5280 STATE OF UTAH REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date Folder: 01/20/2011

Comments: For additional information

D:\Temp\Jay Marshall\12-21-10\Plate 5-2 10-010.dwg, Layout1, 12/22/2010 11:17:40 PM