BLM R.O.W. #UTU-77122

EXISTING MINE WORKINGS

OUTCROP

UNDERGROUND MINE WORKINGS

AREA BETWEEN ROADS DISTURBED, BUT NO TOPSOIL STRIPPED.

A.S.C.A. Disturbed

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

A.S.C.A. Disturbed

Water Treatment Plant

Powder and Cap Magazines

Mine Portal Road

Stream Buffer Zone

CAT Trail

ROM Coal Stockpile

Rock Slope Material Cover 17'+4' 28,000 cyd

CONTROL POINT DELTA
NORTHING: 6,962,106.13
EASTING: 1,967,418.52
ELEVATION: 6129.72

60" Conveyor

SCATTERED BRUSH AND TREES

EMPLOYEE PARKING 191 SPACES

MINE PARKING 51 SPACES

SECURITY

OFFICE

COAL

SHOP WAREHOUSE

PAD BIN

ROM COAL CONVEYOR

EMERG RECLAIM FEEDER

ROM COAL FEEDER

ELECTRICAL SUB-STATION

Truck Loadout Road

CONTROL POINT BETA
NORTHING: 6,961,805.36
EASTING: 1,965,344.01
ELEVATION: 5859.34

OVERHEAD POWER

Existing County Road RS-2477 ROW Width of Disturbance

6' High Chain Link Fence

TOPSOIL ACCESS ROAD

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

Topsoil Stockpile Area
Bot pile = 5850
top pile = 5930
Volume req. = 55,000 c.y.
4.0 ac

DRAIN TUNNEL AND FAN

CONTROL POINT ALPHA
NORTHING: 6,962,462.96
EASTING: 1,964,465.17
ELEVATION: 5821.37

CONTROL POINT GAMMA
NORTHING: 6,960,389.91
EASTING: 1,965,487.50
ELEVATION: 5914.05

FEDERAL LEASE #SL-066490

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 Stacking 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. Diesel Fuel Tanks with concrete containment
35. Powder and Cap Magazines
36. Containment Pond #2

RECEIVED
APR 19 2011
DIV. OF OIL, GAS & MINING

LILA CANYON MINE

SURFACE AREA
Official Disturbed Boundary Map

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

REGISTERED PROFESSIONAL ENGINEER
R. JAY MARSHALL
STATE OF UTAH

NOTE:
CONTROL POINT COORDINATE SYSTEM IS U.S. STATE PLANE 1983 – UTAH CENTRAL (4302) ADJUSTED TO SEA LEVEL.

REVISION DATE:

DATE:	BY:	DATE:	BY:
JAN 2008	RJM		
APR. 2009	PJJ		
DEC. 2009	PJJ		
AUGUST 2010	PJJ		
SEPT. 2010	PJJ		
APRIL 2011	PJJ		

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date: May 27, 2011 ut0770013

R 14 E, T 16 S

N

0' 75' 150' 300'

LEGEND:

- UNDISTURBED WITHIN THE DISTURBED AREA
- DISTURBED AREA BOUNDARY:
- NATURAL DRAINAGE:
- 6' HIGH CHAIN LINK FENCE:
- INCIDENTAL ROCK DISTRIBUTION:
- STREAM BUFFER ZONE SIGNS
- STRUCTURAL FILL:
- TEMP. REFUSE PILE (COAL MINE WASTE):
- TOPSOIL BERM:
- Stream Buffer Zone
- TEMPORARY FACILITIES: OFFICE
- TEMPORARY ROADWAYS:
- LEASE MODIFICATION:
- BLM R.O.W. BOUNDARY LINE:

NOTES:
(1) REFER TO PLATE 5-7A&B FOR CROSS-SECTIONS.