



- Mine Facility List**
- ⊙ Office/Bathroom
 - ⊙ Shop Warehouse
 - ⊙ Security Shack
 - ⊙ Mine Substation
 - ⊙ Underground Power Lines
 - ⊙ Water Treatment Plant
 - ⊙ Potable Water Tank
 - ⊙ Process Water tank
 - ⊙ Sewer Tank
 - ⊙ Drain Field
 - ⊙ Ventilatin Fan
 - ⊙ 60" Conveyor Tunnels to Coal Stockpile (ROM) Underground Belt from Stockpile to Crusher
 - ⊙ 48" Conveyor from Crusher to Loadout Bin
 - ⊙ 48" Conveyor from Loadout Bin to Truck Loadout
 - ⊙ Reclaim Tunnel, Escape Tunnel, Fan and Fan House (ROM) Storage Pile, Coal Stacking Tube
 - ⊙ Crusher Screen Plant
 - ⊙ Truck Scale and Loadout
 - ⊙ Coal Loadout Storage Bin
 - ⊙ Guardrails
 - ⊙ Underground Pipes
 - ⊙ Chain Link Fence
 - ⊙ Non-Cool Waste Area
 - ⊙ Equipment & Supplies Storage Area
 - ⊙ Topsoil Pile
 - ⊙ Refuse Pond
 - ⊙ Sediment Pond
 - ⊙ Slope Access Road/Portal Access Road
 - ⊙ Rock Slopes
 - ⊙ Truck Loadout Road
 - ⊙ Office/Bathroom/Warehouse Asphalt Parking Area
 - ⊙ Mine Parking
 - ⊙ Fuel Tanks
 - ⊙ Powder and Cap Magazines

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

Berm

Ditch

Culvert

WS Bound

REVISION DATE:

DATE	BY	DATE	BY
JAN 2008	RJM		
APR 2008	TJS		
JUL 2008	TJS		
JUN 2009	TJS		

NOTE: "UNDISTURBED" DENOTES DRAINAGE AND IS NOT APPLICABLE TO SOILS.

REVISION DATE:

DATE	BY	DATE	BY
JAN 2008	RJM		
APR 2008	TJS		
JUL 2008	TJS		
JUN 2009	TJS		

NOTE: "UNDISTURBED" DENOTES DRAINAGE AND IS NOT APPLICABLE TO SOILS.

PROFESSIONAL ENGINEER

#152606

R. Jay Marshall

LILA CANYON MINE

DISTURBED AREA HYDROLOGY AND WATERSHED MAP

DATE: January 2008 **DESIGNED BY:** R. Jay Marshall

SCALE: AS SHOWN **PLATE #:** 7-2

RECEIVED
JUL 15 2009
DIV. OF OIL, GAS & MINING