



State of Utah

Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Priscilla Burton Environmental Scientist III

**Inspection Report**

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 03, 2008
Start Date/Time:	9/3/2008 10:30:00 AM
End Date/Time:	9/3/2008 1:30:00 PM
Last Inspection:	Thursday, August 21, 2008

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun 50 F

InspectionID Report Number: 1757

Accepted by: jhelfric *JK*  
9/8/2008

Permittee: **GENWAL RESOURCES INC**  
 Operator: **GENWAL RESOURCES INC**  
 Site: **CRANDALL CANYON MINE**  
 Address: **PO BOX 1077, PRICE UT 84501**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

Current Acreages

6,235.80	Total Permitted
10.70	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Sediment control along SITLA road in good shape after rainy weekend. Sediment control along access road to pads needs maintenance. French drains effective in removing wet spots from roads. Backfilling on pad 2 approximately 1/2 done. Backfill on pad 6 approximately 1/3 completed. Trash needs to be cleaned up from site. Two hoes, sheeps foot compactor, dozer and grader operating. Jason Manchester and crew of four on site, with copy of reclamation plan. Adam Robison, SITLA, and associate Buck Taylor, Dynapump representative, arrived at noon.

Inspector's Signature: *Priscilla Burton*

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

Date Thursday, September 04, 2008

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **12. Backfilling And Grading**

Backfilling on pad 2 approximately 1/2 done. Backfill on pad 6 approximately 1/3 completed. Trash needs to be cleaned up from site. Two hoes, sheeps foot compactor, dozer and grader operating. Jason Manchester estimated that it will take one more week to finish the earth work on the pads. The rock truck will be used to haul material from pad 6 up to pad 2. The "oops" road will be re-opened for this. We discussed retaining as many trees as possible between the "oops" road and the outslope of pad 6. Future location of sediment control in a natural drainage at the toe of the reclaimed pad 6 was discussed. Photos attached.

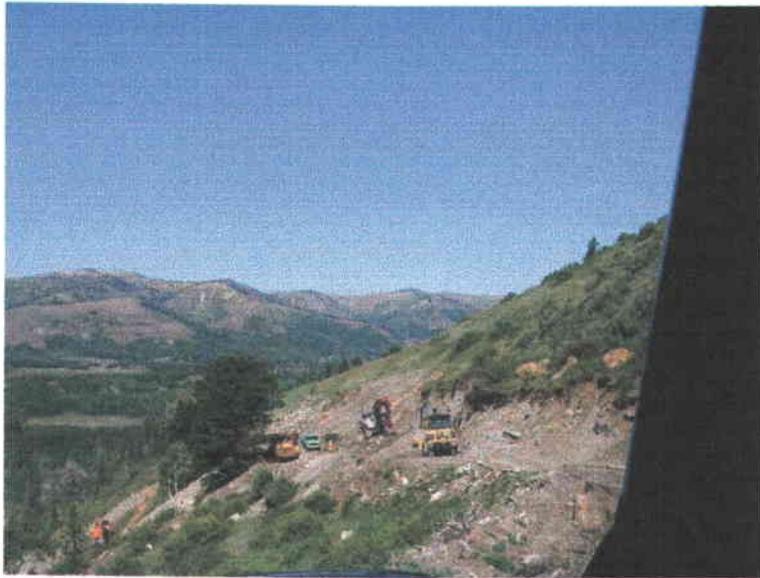
## **16.a Roads: Construction, Maintenance, Surfacing**

Adam Robison expressed concern about slumped soil material along the inslope of the SITLA road in the vicinity of the French drain. This slump was noted during the July 16, 2008 site visit and is related to the seep above the road which is now contained in a french drain. Adam requested that this material (about 20 cubic yards) be removed from the inslope and that the inslope be laid back further. I observed that the drain has helped to dry out the slumped soil and presently it serves as weight against the toe of the cut. I agree with Adam that the soil will eventually move down slope across the road, but do not see the urgency of removing the soil which would necessitate creating a steep cutslope that will be difficult to reclaim next year, when the road is scheduled for reclamation. As long as the road is passable in its present condition, I recommended continuing to focus the reclamation effort on Pads 2 and 6.

## **16.b Roads: Drainage Controls**

Sediment control along SITLA road in good shape after rainy weekend. Sediment control along access road to pads needs maintenance. French drains effective in removing wet spots from roads.

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Pad #2



Pad 6 (below Pad 2)



View from Miller Flat Road