



**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*

<b>Representatives Present During the Inspection:</b>
OGM Priscilla Burton Environmental Scientist III

**Inspection Report**

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, July 30, 2008
Start Date/Time:	7/30/2008 9:00:00 AM
End Date/Time:	7/30/2008 1:00:00 PM
Last Inspection:	Wednesday, July 23, 2008

Inspector: Priscilla Burton, Environmental Scientist III

Weather: clear skies 65 F

InspectionID Report Number: 1716

*JK* Accepted by: jhelfric  
 8/18/2008

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	<b>Total Permitted</b>
10.70	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**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:**

Work was delayed last week (July 22 - 26, 2008), because of heavy rainfall. As of July 30, 2008, approximately 1/2 mile of the SITLA road has wood straw and seed applied to the outslope. The outslope was compacted using a roller attached to a track hoe. This method does not appear to be very effective in achieving a firm surface, The slope is still very loose and subject to sloughing, No work has yet been done on improving soil contact and placement of the excelsior logs. Failure of slope on access road to pad #3 was noted.

Inspector's Signature:

*Priscilla Burton*

Date Wednesday, July 30, 2008

Priscilla Burton, Environmental Scientist III  
 Inspector ID Number: 37

**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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

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

Justin Cooper and a crew of three were on site. Jerry Cripps (foreman) was not there. Justin indicated that last Friday, July 25, 2008, they had made the first pass on the outslopes of the SITLA road with a roller compaction attachment to the track hoe. I walked the length of the site from the SITLA road to pad #3 and did not see any evidence of compaction (no crushed plants; rills and gullies still evident on the outslopes). By the time I left the site at 1:00 pm, approximately 1/2 mile of the SITLA road had wood straw and seed applied to the outslope. After straw/seed application, the slopes were rolled with the hoe arm. This method does not appear to be very effective in achieving a firm surface, as the slope is still very loose and subject to sloughing. Photographs and a seed tag are attached to this inspection report.

No work has yet been done on improving soil contact with the existing excelsior logs at water bar locations on the SITLA road or along the pad access roads. (Ditto for the USFS road section north of the red gate.) The plan calls for doubling and/or tripling the excelsior log placement at each swale in the road. This had not yet been accomplished. Photographs attached.

There has been a failure of the slope in the location of the spring on the access road to pad #3. Placement of a drain in the vicinity of this spring is part of the reclamation plan. A second spring was noted about 75 feet above this spring along the access road. (A drain should be placed in this location as well.) The second spring was estimated at about 1 gal/ 5 min. (I will bring a bottle and stop watch next inspection). Photographs attached.

Justin indicated that Jerry Cripps and a larger crew would be on site on Thursday July 31, 2008 to begin working on the excelsior logs.

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no crushed plants on compacted road



SITLA road outslope does not appear compacted



excelsior logs require work



condition of road outslope at end of inspection



Slump near spring on access road to pad #3



excelsior log "treating" spring flow on access road to pad #3

Part 1 of 2

Lot number 20532 continued

0.02% LOUISIANA SAGEWORT

UTAH 80%

0.22% FROE 2.06% JEREET QUARTZ TEST DATE: 12/07  
0.04% WESD NO NOXIOUS WEEDS FOUND

NET WEIGHT 50.00 LBS.

SCAMP EXCAVATION  
P.O. BOX 50  
WELLINGTON, UTAH 84512 2073

Part 2 of 2

CUSTOMER: SCAMP EXCAVATION  
MIXTURE NAME: CANNONBALL DRILL PASS AND BOMBS  
P.O. NUMBER: 1001042

GT: 420532

PURITY	MIXTURE COMPONENTS	ORIGIN
29.51%	QUICKSHARD TRITICALE	OREGON 95%
27.50%	WINTER EVE	CANADA 94%
7.65%	BECHAR MOUNTAIN BRONE	WASHINGTON 95%
5.99%	ELENDER WHEATGRASS	CANADA 95%
5.91%	GRITANA THICKSPINE WHEATGRASS	MASSIN 95%
5.81%	PALUTE ORCHARDGRASS	OREGON 91%
3.06%	TIMOTHY CLIMAX	CANADA 90%
2.98%	CREEPING RED FESCUE	CANADA 85%
2.96%	HARD FESCUE	OREGON 87%
2.74%	SHERMAN BIG BLUEGRASS	WASHINGTON 88%
1.50%	MOUNTAIN LUPINE	UTAH 92%
0.51%	WESTERN YARROW	N. Z. 90%
0.56%	SHONEY GOLDENEYE	UTAH 80%