



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
OGM	Steve Christensen Environmental Scientist II
OGM	Daron R. Haddock Environmental Manager

Inspection Report

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, August 13, 2008
Start Date/Time:	8/13/2008 4:00:00 PM
End Date/Time:	8/13/2008 5:45:00 PM
Last Inspection:	Thursday, August 07, 2008

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun 70 F

InspectionID Report Number: 1733

Accepted by: *jheffric*
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	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:

Accompanying us was DOGM's intern, Brett Gregory. We met Jerry Criebs, SCAMP excavation (contractor) at the East Mountain site and discussed the installation of the excelsior logs along the SITLA road. The following directions were given: Clear the swales of road graded dirt to allow water to flow into excelsior logs. Place logs such that the first is parallel with the road and at the very edge of the road, and so that it stretches one to two feet beyond the edge of the swale on either side. Place the second log midway down the slope and lay it in a slight arc and make its length extend one to two feet beyond the first log on either side. Place the third log at the bottom of the slope with the most pronounced arc, so that its length stretches one to two feet longer than the second log. All logs must be set into the ground. This will require a little bit of ground preparation such that the log is set in, not lying on top of the soil.

Inspector's Signature

Priscilla Burton

Date Thursday, August 14, 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 type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

16.b Roads: Drainage Controls

During the last inspection on August 7, I notified SCAMP and Mr. Shaver (by phone) that although three excelsior logs had been installed at every swale, they were not installed as described on page 11 of App. 5-22(A). Over the past week, a fourth log has been installed at the base of the slope below each swale in an attempt to install according to the plan. However, also this past week, road grading has filled swales and blocked the drainage from swales into logs.

During this inspection, Steve Christensen pointed out the following problems with the excelsior log installation: Logs were laid on surface and the gap between surface and log was filled with loosened dirt. Logs were in such tight U shapes that water was being directed to a small area of catchment. On many installations, this catchment was full of sediment already and the logs were placed in such close succession that there was no more capacity added by the additional logs.

We discussed the installation of the excelsior logs with Jerry Criebs. The following directions were given: Clear the swales of road graded dirt to allow water to flow into excelsior logs. Place logs such that the first is parallel with the road and at the very edge of the road, and so that it stretches one to two feet beyond the edge of the swale on either side. Place the second log midway down the slope and lay it in a slight arc and make its length extend one to two feet beyond the first log on either side. Place the third log at the bottom of the slope with the most pronounced arc, so that its length stretches one to two feet longer than the second log. All logs must be set into the ground. This will require a little bit of ground preparation such that the log is set in, not lying on top of the soil. Stake logs down, as previously done. Clear out swale after each road grading. Re-install logs when full of sediment.

Installation of collection drains was completed along USFS road and SITLA road, but not on access road to pad 3. Drain installation was photographed by Jerry Criebs. The Division requested copies of these photographs. A field change on the installation design was made to eliminate the concrete collection box.

During a telephone call on 8/14/08, Mr. Shaver was briefed on the discussions that were held on the site during the inspection. Mr. Shaver stated that the concrete collection box design was provided by STILA, but that in his estimation it was not the correct design for the situation. Since Steve Christensen is in agreement with this assessment, Mr. Shaver was asked to provide the revised spring collection designs to the Division today (Thursday, August 14, 2008), along with a C1C2 form for insertion into App. 5-22(A). Mr. Shaver was asked to provide a copy of the reclamation plan App. 5-22(A) to the contractor to have available on site. Mr. Shaver was asked to ensure that a responsible person, familiar with the plan was on site next week to direct the crew, as Mr. Criebs will be on vacation. Mr. Shaver was asked to have the excelsior logs installed correctly, as described above.