



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Monday, December 03, 2012
Start Date/Time:	12/3/2012 11:00:00 AM
End Date/Time:	12/5/2012 2:00:00 PM
Last Inspection:	Tuesday, November 13, 2012

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Jay Marshall

Inspector: Priscilla Burton,

Weather: sun, 45 F

InspectionID Report Number: 3316

Accepted by: jhelfric

12/10/2012

Permitee: **GENWAL RESOURCES INC**
 Operator: **GENWAL RESOURCES INC**
 Site: **CRANDALL CANYON MINE**
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

6,295.06	Total Permitted
34.47	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:

Observed the construction of the topsoil stockpile at the Burma pond waste disposal site. Dwg 4 of App 7-66 of the MRP provides the site layout. Dale Davis, UEI, was running the D9 dozer.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Thursday, December 03, 2012



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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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"/>

1. Permits, Change, Transfer, Renewal, Sale

Approval for the construction was by letter dated 11/13/2012. Site construction is described in Chap. 5 of App. 7-66. Drawingg 4 of App 7-66 of the MRP provides the site layout. The topsoil salvage operation and topsoil stockpile construction is described in Chapter 2, pp. 3 - 4.

2. Signs and Markers

Permit signs with mine ID and contact information for the mine are located north and south of the entrance road. The disturbed perimeter was marked with survey stakes. The disturbed area perimeter was determined to be 2.0 acres with a Garmin GPS.

3. Topsoil

The area was grubbed and piles of vegetation were pushed to three corners of the disturbed area. Topsoil was removed from 1.r acres using a D9 track dozer. The soil surface was moist to a depth of 2 inches on Monday at the outset. The soil was dry below this zone. Soil quickly pulverized to powder with handling. Topsoil removal depth of one foot was confirmed by stakes. Removal depth could not be uniform due to large boulders. Topsoil storage area is approximately 0.14 acres or 6,472 sq. ft. (according to GPS measurement). Topsoil pile was measured using a 100 ft. tape and found to be 100 ft long x 48 ft. wide. Topsoil pile varied in height at the time of the inspection from 6 - 15 ft. high. Final grading on the topsoil pile was not completed at the time of this inspection. Page 3 states that 1Ton/ac straw will be incorporated into the topssoil stockpile with gouging and the pile will be seeded with the mix listed in Attachment 8.

4.a Hydrologic Balance: Diversions

Upper drainage ditch was discussed, and will be constructed.

4.c Hydrologic Balance: Other Sediment Control Measures

A double row of excelsior logs were placed at the downstream end of the disturbance. Logs were overlapped and staked appropriately.

9. Protection of Fish, Wildlife and Related Environmental Issues

Slash piles will be left for wildlife habitat. Although not required by the plan, I mentioned that slash would be useful to protect the outslopes of the topsoil stockpile as well.

11. Contemporaneous Reclamation

Areas that were grubbed, but where topsoil was not removed (l.e. approximately 0.5 acres used for access during construction of the topsoil pile or boulder handling) will be reseeded at the same time as the topsoil stockpile.

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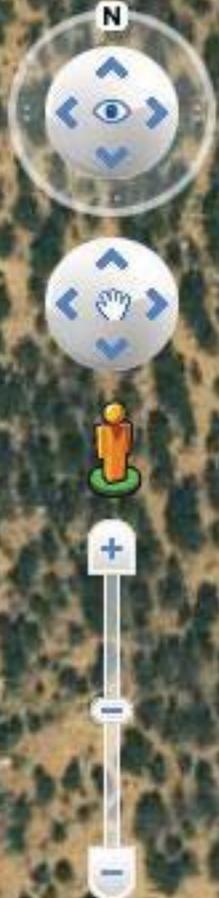
12. Backfilling And Grading

Boulders were stockpiled off to the side during topsoil salvage. Boulders were being moved into their final location at the base of the pond embankment..

16.a Roads: Construction, Maintenance, Surfacing

Access Road is roughed in.

12/3/2012 12 pm



▲ Current Track: 03 DEC 2012 11:47

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Image State of Utah



Imagery Date: 12/31/2005 1997

39°22'36.09" N 111°03'03.64" W elev 6454 ft

Eye alt 7705 ft









