



## 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
Company	David Shaver	Manager

## Inspection Report

Permit Number:	C0150032
Inspection Type:	TECHNICAL
Inspection Date:	Friday, November 02, 2007
Start Date/Time:	11/2/2007 12:00:00 PM
End Date/Time:	11/2/2007 4:00:00 PM
Last Inspection:	Wednesday, October 24, 2007

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun, 49 F

InspectionID Report Number: 1454

Accepted by: dhaddock *OK*  
11/16/2007

Permitee: **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:

Observed reclamation to date. Access to the site limited, we traveled in via snowcat. Shane Campbell, SCAMP Excavation, Inc. And Tom Lloyd, USFS, were present during the inspection.

Inspector's Signature: \_\_\_\_\_

*Priscilla Burton*

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

Date Monday, November 05, 2007

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

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

## **9. Protection of Fish, Wildlife and Related Environmental Issues**

The BLM has issued a notice of non-compliance to the mine operator for shallow closure of Holes #3 and #4.

The closest spring is located approximately 750 ft. southwest of the drill pads and is identified on Plate 7-12. However, the exact GPS location of this spring, SP1-53, is not known at this time and is under investigation by the Permittee. The approximate location of SP1-53 suggests that it may emanate from the contact between the Upper Price River Formation and the Castlegate Sandstone. SP1-53 has not been historically sampled for flow or quality. The watershed drains to Indian Creek which is outside of the permit area. Indian Creek is shown on Plate 7-16, and its flow is monitored by a flume two miles south of the drill hole disturbance. Since neither the USFS nor Crandall Cyn Mine monitor the flume, the Permittee is investigating the flow data at this flume.

I drove up Indian Canyon to photograph the terrain and the flume. The unreclaimed pads were clearly visible from this vantage point. The reclaimed sites #3, #4 were hidden by aspen groves and pad #5 was hidden by topography.

## **12. Backfilling And Grading**

Pads #3, #4, #5 and the reclaimed portion of the SITLA access road have been completely reclaimed and seeded with the final seed mix. The seed mix tag has been placed in the record. The access road has been reclaimed to the rock outcrop, on the access road above pad #4. Water bars have been installed every 20 ft. on this steep section (30 degree grade). Work is ongoing on pad #7.