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## 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	Steve Demczak	Environmental Scientist III
Other	Dale Harber	Forest Geologist
Other	Tom Lloyd	Ferron-Price District Geologist
Company	David Shaver	Manager
OGM	Karl Houskeeper	Environmental Scientist III

## Inspection Report

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Friday, January 11, 2008
Start Date/Time:	1/11/2008 12:00:00 PM
End Date/Time:	1/11/2008 4:00:00 PM
Last Inspection:	Friday, December 07, 2007

Inspector: Karl Houskeeper, Environmental Scientist III

Weather: Overcast/Light Snow, Temp. 25 Deg F.

InspectionID Report Number: 1523

Accepted by: dhaddock *ok*

2/1/2008

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:

The mine is snow covered. Gravity flow is coming out of the North Portals. The flow started coming out of the North Portals on 1/10/2008. The Division was notified. The mine water coming from the North Portals is entering surface diversions with some overland flow. All of the mine water is entering either the permitted 10" mine water pipe or the sediment pond. The water from the overland flow and surface diversions is entering the sediment pond. Enforcement action has been taken (see item 4a, 4b and 22).

Citation #10016 and #10017 were issued.

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

*Karl H. Houskeeper*

Date Tuesday, January 15, 2008

Karl Houskeeper, Environmental Scientist III

Inspector ID Number: 49

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## **2. Signs and Markers**

The Mine ID sign is posted at the entrance to the permit area from the forest service road. The sign contains the name, permit ID #, address, and phone number of the operator. All other signs and markers observed during the inspection met the coal rules.

### **4.a Hydrologic Balance: Diversions**

Mine water from the gravity flow coming out of the North Portals is entering the surface diversion structures. These structures are only designed and approved for surface flow. Citation #10016 was issued. The abatement date is January 29, 2008. The abatement is to stop mine water from entering the surface structures and diversions.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Mine water from the gravity flow coming out of the North Portals is entering the sediment pond. The sediment pond is not designed for mine water storage. Citation #10016 was issued. The abatement date is January 29, 2008. The abatement is to stop mine water from entering the sediment pond.

### **4.d Hydrologic Balance: Water Monitoring**

Water samples have been pulled from the 10 inch mine water discharge and the sediment pond discharge pipe. Both locations are UPDES sites. The 10 inch mine water pipe is the only discharge authorized for mine water discharge. The sediment pond discharge point is for surface water and drainage discharge.

The water samples will be reviewed upon availability to see if there are any problems that require enforcement action.

## **22. Other**

Mine water is coming out of five entries/four portals. One entry was never broken to the surface, but water is still coming through the strata and surfacing. The other four entries were broken to the surface and faced up as portals. The mine put in stoppings and turned off the power several months ago after the Crandall Mine disaster. The mine is not permitted for gravity flow from the North Portals. Citation #10017 was issued. The abatement date is January 29, 2007. The abatement is to stop gravity flow of mine water from coming out of the North Portals and to route it back into the authorized structure (10 inch pipe) and UPDES discharge point.

The operators representative Dave Shaver was informed that any surface structures and/or installations would need to be approved and permitted through the Division to avoid further enforcement action. Construction activities underground are out of the purview of the Division.

A long term look needs to be taken to see how the mine water issue is going to be handled during final reclamation.

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**Inspection Continuation Sheet**