



The State of Utah  
 Department of  
 Natural Resources  
 Division of  
 Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

| Representatives Present During the Inspection: |   |
|--|---|
| Company  | Gary E. Gray Resident Agent                 |
| OGM  | Karl Houskeeper Environmental Scientist III |

# Inspection Report

|                  |                            |
|------------------|----------------------------|
| Permit Number:   | C0150032                   |
| Inspection Type: | COMPLETE                   |
| Inspection Date: | Tuesday, March 16, 2004    |
| Start Date/Time: | 03/16/2004 9:00:00 AM      |
| End Date/Time:   | 03/16/2004 12:00:00 PM     |
| Last Inspection: | Tuesday, February 10, 2004 |

Inspector: Karl Houskeeper, Environmental Scientist III

Weather: Clear, ~Temp 57 Deg F

InspectionID Report Number: 206

Accepted by: pgrubaug  
 03/17/2004

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

|          |                 |
|----------|-----------------|
| 5,195.80 | 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:

Pending Amendments: South Crandall Lease Revision Task ID #1826. Sent deficient on 3/9/04.

Inspector's Signature: \_\_\_\_\_ Date: Tuesday, March 16, 2004

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 REQUIREMENT**

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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.c Hydrologic Balance: Other Sediment Control Measures          | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Explosives  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Disposal of Excess Spoil, Fills, Benches                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Coal Mine Waste, Refuse Piles, Impoundments                   | <input type="checkbox"/>            | <input checked="" 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 type="checkbox"/>            | <input type="checkbox"/> |
| 10. Slides and Other Damage                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Contemporaneous Reclamation                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. Backfilling And Grading                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Revegetation   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Subsidence Control   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 15. Cessation of Operations                                      | <input checked="" 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 type="checkbox"/>            | <input type="checkbox"/> |
| 16.b Roads: Drainage Controls                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 17. Other Transportation Facilities                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 18. Support Facilities, Utility Installations                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 19. AVS Check  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 20. Air Quality Permit   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 21. Bonding and Insurance  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 22. Other  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

### **1. Permits, Change, Transfer, Renewal, Sale**

The DOGM permit is effective 05/13/2003 and expires 05/13/2008. Other documents include the following:

- Certificate of Insurance issued 07/01/2003 and terminates 07/01/2004.
- Reclamation agreement is dated April 1998 and is signed by both parties.
- UPDES permit UT0024368 effective 09/01/2000 and expires midnight 08/31/2005.
- Air Quality permit DAQE-AN0225003-03, issued 03/20/2003.
- SPCC Plan dated 10/18/1999.

### **2. Signs and Markers**

The new 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. The sign was replaced due to out-dated information. All other signs and markers observed during the inspection comply with the coal rules.

### **3. Topsoil**

Portions of the topsoil piles are still snow covered. The silt fence placed around the topsoil pile that was re-disturbed last fall with the South Crandall Portal construction is still in place to help protect the pile until the vegetation can be re-established.

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

Some diversions are still completely snow covered. The diversions in which the snow has melted are open and functional.

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

The sediment pond is still frozen and snow covered. The pond still needs to be surveyed and a sediment clean marker installed once the pond is thawed out.

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

During the inspection the required monitoring sites, their sampling requirements, and frequency were identified and reviewed. The operator is aware of the site's sampling requirements and frequency. A review of the EDI website shows that fourth quarter 2003 water monitoring information is uploaded in the EDI website. Outfall 002 has several months that have not been uploaded. There are still errors in the information that needs to be corrected. The operator has been advised of the errors and the need to correct them in order to upload the information. First quarter 2004 water monitoring information is still being collected and will be entered into the EDI website.

**4.e Hydrologic Balance: Effluent Limitations**

Reviewed the discharge monitoring reports. January 2004 reports shows no discharge form 001 and that 002 discharged 0.697 mgd. No parameters were exceeded.

**20. Air Quality Permit**

Approval Order DAQE-827-01 was modified on March 20, 2003. This modification allows additional coal handling equipment (conveyors) to be installed when the South Crandall Portals are constructed. The new Approval Order effective March 20, 2003 is DAQE-AN0225003-03.

**21. Bonding and Insurance**

Insurance is provided through Federal Insurance Co. policy #3710-95-29. The policy meets the minimum coverage requirements, has explosion coverage, contains the proper language in the notification clause, and shows the State of Utah as the certificate holder.

The bonded amount for the Crandall Canyon Mine is \$1,654,000, bond # 14-96-15.