



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	Mike W. Glasson	Environmental Coordinator
OSM	Henry Austin	
OGM	Karl Houskeeper	Environmental Scientist III
OSM	Howard Strand	Western Regional Office FOIA Co

Inspection Report

Permit Number:	C0150032
Inspection Type:	COMPLETE OVERSITE
Inspection Date:	Thursday, November 20, 2003
Start Date/Time:	11/20/2003 9:00:00 AM
End Date/Time:	11/20/2003 12:00:00 PM
Last Inspection:	Tuesday, October 07, 2003

Inspector: Karl Houskeeper, Environmental Scientist III

Weather: Partly Cloudy, -Temp 30 Deg. F

InspectionID Report Number: 97

Accepted by: pgrubaug
 12/05/2003

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:

Joint Complete Inspection.

Inspector's Signature: _____

Date Thursday, November 20, 2003

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 checked="" 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 checked="" 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 checked="" 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

There is an identification sign located at the entrance to the permit area from the Forest Service road. The sign does not contain the phone number of the permittee. A new sign with all the required information listed in R645-301-521.243 needs to be posted at this location.

All other markers observed during the inspection met the coal rules.

3. Topsoil

Approximately 240 yards of topsoil was removed during the excavation work of the South Crandall Portals. This material was placed on top of the north topsoil pile at the beginning of the Forest Service Road. The berm around the topsoil pile was re-established and a new silt fence was installed to protect the topsoil pile. The topsoil was gouged with deep pockets at the time of the topsoil placement. The operator indicated that the topsoil pile was seeded and mulched at the end of October 2003. The topsoil pile was snow covered at the time of the inspection.

4.a Hydrologic Balance: Diversions

Snow and sediment from snow removal activities was present in the diversion above the oil/grease storage building. A large piece of brattice cloth was also in the same diversion. The identified items of concern were documented by the operator and will be removed from the diversion.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond has just been cleaned. No information was available at the time on the inspection whether the pond has been re-surveyed. It appeared that the sediment marker located near the pond bottom had been removed during the pond cleaning. This marker needs to be re-established when the pond is surveyed.

The annual sediment pond inspection report was reviewed. The annual pond inspection was conducted on 12/26/2002 and P.E. certified on 01/23/2003. The report contained the following information:

- 60% Sediment Elevation = 7894'
- 100% Sediment Elevation = 7895'
- Existing Sediment Elevation = 7893.5'
- Principle Spillway Elevation = 7905.81'
- Emergency Spillway Elevation = 7906.81'

When the pond is re-surveyed and the annual inspection for 2003 is done the new sediment capacity information will need to be updated.

The records showed that inspection for first, second, and third quarter have been done. No instability or structural problems were identified.

4.d Hydrologic Balance: Water Monitoring

Second quarter 2003 water monitoring information is in the EDI website. Notification has been given to the Division to upload the information. Third quarter 2003 water monitoring information has been collected. This information was viewed during the inspection. Third quarter 2003 water monitoring information needs to be submitted into the EDI website. Water monitoring is current.

4.e Hydrologic Balance: Effluent Limitations

Reviewed the discharge monitoring reports for September 2003. Outfall 001 did not discharge. Outfall 002 discharged, but no parameters were exceeded.

8. Noncoal Waste

Rags, a glove, and a empty sack were present inside the fuel containment structure. These items were identified to the operator and will be removed immediately.

11. Contemporaneous Reclamation

The topsoil from the South Portals development was mulched and seeded at the end of October 2003. This topsoil is located at the topsoil pile at the beginning of the access road on the north side. The topsoil pile was snow covered during the inspection. The operator notified the Division prior to accomplishing the work.

16.a Roads: Construction, Maintenance, Surfacing

Several areas along the access road (USFA road) were under repair during the inspection. These areas were saw cut and the asphalt removed. Portions of these areas were re-asphalted during the inspection.

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.