



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:	Wednesday, March 13, 2013
Start Date/Time:	3/13/2013 7:30:00 AM
End Date/Time:	3/13/2013 9:46:00 AM
Last Inspection:	

Representatives Present During the Inspection:	
OGM	Pete Hess
Company	Jay Marshall

Inspector: Pete Hess.

Weather: Sunny, warm; 50's F.

InspectionID Report Number: 3414

Accepted by:

Permittee: **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:

The Permittee (Mr. Jay Marshall, P.E.) notified the Price Field Office at 7:30 AM on 3/13/2013 that they had a broken feed pipe going into the water treatment plant at the Mine. DOGM headquarters in Salt Lake City was notified at 7:40 AM. The field inspector in the Price Office responded by traveling to the Mine, arriving at 8:46 AM.

Inspector's Signature:

Pete Hess,
Inspector ID Number: 46

Date Wednesday, March 13, 2013



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

4.a Hydrologic Balance: Diversions

The 12 inch HDPE pipe which transfers water from the north side #1 Mine portal area across the escarpment to the water treatment plant pulled apart when a section of shotcrete separated and fell striking the line (See attached Plate 5-3). Anchor bolts supporting the pipe were broken or pulled out of their anchorage allowing the line to sag. This in turn put great strain on the "T" fitting near the portal pad. The "T" and its adjacent pipes were pulled about six feet to the west before the "T" fitting failed. Water cascaded down the slope flushing debris to ditch DD-7, thence to the under road culvert C-3 (See PLATE 7-5) and into the sediment pond. UtahAmerican employees were able to shut the minewater in flow off at 9 AM. A review of the computer graphs monitoring the treatment system indicated that the highwall failure occurred about 5:10 AM. The base of the slope where it intersects ditch DD-7 will require cleaning.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Mine water flowed into the mine site sediment pond for approximately four hours. The assigned Division hydrologist estimates that approximately 72,000 gallons constituted this flow volume.

4.e Hydrologic Balance: Effluent Limitations

Untreated mine water flowed into the sediment pond for approximately four hours. As of 9:05 AM, the water level in the pond appeared to be about seven feet below the top of the impounding embankment. No water was discharged off the permit area. The Permittee notified the Utah Division of Water Quality (Mr. Mike Herkimer) of this event (via voice mail) prior to calling the Division of Oil, Gas and Mining (7:30 AM on 3/13/2013). The Permittee switched over the water treatment plant to re-cycle while the 12 inch line was being repaired (i.e., no water treatment was occurring). It is the Permittees intent to re-cycle the mine water from the sediment pond back through the water treatment plant once the 12 inch line has been repaired.

9. Protection of Fish, Wildlife and Related Environmental Issues

The Utah Division of Wildlife Resources was notified of the event at 7:55 AM on 3/13. No mine water ever reached Crandall Creek.

10. Slides and Other Damage

The flow of water cascading down the slope cut a vertical ditch about 4-5 feet wide. This slope appears to have about a 60 degree vertical angle.

22. Other

The Permittee had four men at the site to repair the pipeline.