



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial:  Complete:  Exploration:   
Inspection Date & Time: June 30, 1996 10 am to 4:30 pm  
Date of Last Inspection: 05/30/96

Mine Name: Crandall Canyon Mine County: Carbon Permit Number: ACT/015/032  
Permittee and/or Operator's Name: Genwall Resources  
Business Address: P.O. Box 1210, Huntington, Utah 84501  
Type of Mining Activity: Underground  Surface  Prep. Plant  Other   
State Official(s): David W. Darby  
Company Official(s): Scott Boylen  
Federal Official(s): None  
Existing Acreage: Permitted- 2165.42 Disturbed- 5.55 Regraded- .5 Seeded- .5 Bonded- 5.55  
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0  
Status: Exploration  Active  Inactive  Temporary Cessation  Bond Forfeiture   
Reclamation (Phase I  Phase II  Final Bond Release  Liability Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

#### Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 checked="" type="checkbox"/>	<input 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 VALUES	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



# INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/032

DATE OF INSPECTION: 06/30/96

(Comments are Numbered to Correspond with Topics Listed Above)

## 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Scott Boylen accompanied me throughout the inspection, Randy Gainer, the Environmental Manager, was on vacation. We reviewed the mine plan and looked through the files at monitoring reports before inspecting the minesite. I was told that Randy Gainer had given notice for his resignation and would be leaving his position at the end of July.

Division is waiting for a response to Genwal's major amendment to culvert the Crandall Canyon Creek and extend their mine pad.

## 4. HYDROLOGIC BALANCE

### a. DIVERSIONS

All disturbed and undisturbed diversions were functioning. A rock had fallen from the hillside above the exhaust fan and crushed part of the culvert which is used to transmit undisturbed drainage above the mine. Repairs were implemented and the culvert was functionally normal during the inspection.

### b. SEDIMENTATION PONDS AND IMPOUNDMENTS

The pond was full of water and partially frozen. No discharge was taking place. Quarterly pond inspection reports were collected and reported for October, November and December. No discharges were reported for the pond and no effluents were exceeded. The monthly annual pond inspection was conducted on April 30, May 29, and June 26, 1996. All pond features are stable and functioning.

I had concerns with the sediment level in the pond. Coal fines washing off the pad have built up along the edges of the pond. The sediment level is hard to determine because the water is opaque, however sediment is stacked up around the edges of the pond and its capacity is questionable. I asked Jay Marshall about cleaning the pond and he said he would contact Randy when he returned from vacation. Randy contacted me and said he thought there was sufficient room in the pond, but if I had a problem with it then he would have it cleaned within the week.

## D. WATER MONITORING

Quarterly water monitoring data were collected by Randy Gainer from June 13 to June 27. Underground monitoring was conducted on June 19. Water quality data had not been received from the lab at the time of the inspection.

### e. EFFLUENT LIMITATIONS

UPDES data were collected for the fourth quarter for sites 001 (sedimentation pond) and 002 (mine water discharge). Reports indicated that there was no discharge from the sedimentation pond during the quarter. Mine water was being pumped from the mine directly into Crandall Canyon Creek. Genwal has a UPDES permit for this discharge. The discharge was sampled on April 30, May 29 and June 24 in accordance with their permit. Mine water discharge from the mine averaged .19 and .32 million gallons per day for April and May. The calculated values had not been completed for June.

## 14. SUBSIDENCE CONTROL

Randy and I will be conducting a survey in July to locate subsidence markers along Crandall Creek in accordance with the stipulation in Amendment ACT/015/032-96A

Copy of this Report:

Mailed to: James Fulton (OSM, Denver), Randy Gainer (Genwal)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: David W. Darby David W. Darby #47 Date: 07/15/96