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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

INSPECTION DATE & TIME: October 30, 1988  
10:45 am to 1:00 pm

Permittee and/or Operators Name: Genwal Coal Company  
Business Address: P.O. Box 1201, Huntington, Utah 84527  
Mine Name: Crandall Canyon Permit Number: ACT/015/032  
Type of Mining Activity: Underground  Surface  Other   
County: Emery  
Company Official (s): Andrew King, Mine Engineer  
State Official(s): David Darby, Geologist  
Partial:  Complete:  Date of Last Inspection: 9/25/88  
Weather Conditions: Clear, warm  
Acreage: Permitted 164.4 Disturbed 5.15 Regraded 0.5 Seeded 0.5 Bonded 5.15  
Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( X )	( )	( )	( X )
2. SIGNS AND MARKERS	( X )	( )	( )	( )
3. TOPSOIL	( X )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( X )	( )	( )	( )
b. DIVERSIONS	( X )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( X )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	( X )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	( X )	( )	( )	( X )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	( )	( )	( )	( )
8. NONCOAL WASTE	( )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	( X )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	( )	( )	( )	( )
11. CONTEMPORANEOUS RECLAMATION	( X )	( )	( )	( )
12. BACKFILLING AND GRADING	( )	( )	( )	( )
13. REVEGETATION	( )	( )	( )	( )
14. SUBSIDENCE CONTROL	( )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	( X )	( )	( )	( )
b. DRAINAGE CONTROLS	( X )	( )	( )	( )
c. SURFACING	( X )	( )	( )	( )
d. MAINTENANCE	( X )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( )	( )	( )	( )

INSPECTION REPORT  
(continuation sheet)

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PERMIT NUMBER: ACT/015/032

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(Comments are Numbered to Correspond with Topics Listed Above)

Andy King, Mine Engineer for the Crandall Canyon Mine, could not attend the inspection. He gave me permission to visit the site on my own.

1. Permits

The Division completed a deficiency review of Crandall Canyon Mine's new lease (U-54762) addition as well as a technical deficiency review of their five-year permit renewal of Tracts 1 and 2. The review documents were sent to the operator on October 26, 1988. The deficiencies are to be responded to by November 25, 1988.

The U.S. Forest Service, Manti-LaSal National Forest, has also identified issues which need to be addressed (letter dated October 20, 1988).

4. Hydrologic Balance: Surface and Ground Water Monitoring

During the inspection I hiked up Crandall Canyon to identify the state of flow in the stream and some of the springs. I was curious to see what type of flows existed since this was an unusual dry year and the dry conditions allowed access into the upper reaches of the canyon so late in the season. I traversed the north face of Crandall Canyon and found several springs still flowing, although only one (thought to be SP-54) sustained enough flow, about 10 gallons per minute, to reach the creek.

This search was not intended to observe all the spring sites but to get an idea of the terrain, access to monitoring springs and to see base flow was maintained on the mining side of the mountain. The exceptional weather allowed access with some effort. Gaining access to these springs during snowy winter conditions would be very difficult.

Copy of this Report:

Mailed to: Andy King-Genwal ; John Kathman-OSM; Price Field Office

Given to: David Darby, Joe Helfrich, Sue Linner

Inspectors Signature and Number: David W. Darby #18 Date: 11-4-88