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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGNorman H. Bangarter
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Salt Lake City, Utah 84180-1203
801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: May 11, 1989
10:00 a.m. to 4:00 p.m.

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 XX Surface Other
 County: Emery
 Company Official (s): Allen Childs
 State Official(s): Harold G. Sandbeck and Bill Malencik
 Partial: Complete: XXX Date of Last Inspection: April 4, 1989
 Weather Conditions: Clear and warm
 Acreage: Permitted 164.4 Disturbed 5.75 Regraded 0.5 Seeded 0.5 Bonded 5.75
 Enforcement Action: N89-27-7-2 (See 1 and 4e)

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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(Comments are Numbered to Correspond with Topics Listed Above)

General Comments. On this complete inspection, the undersigned inspector was accompanied by Alan Childs (Environmental Engineer). After the field inspection, a records review was conducted at the operator's Huntington office.

1. Permits.

N89-27-7-2, 1 of 2

This violation was issued on May 11, 1989 for failure to comply with the terms and conditions of the permit which required the drilling of a monitoring well. The permit required that the monitoring well MW-3 be drilled sometime in the first quarter of 1989 as referenced in Chapter 7 on page 7-40. The operator must abate the above mentioned violation on or before June 30, 1989. The remedial action is as follows:

1. Drill MW-3 on or before May 29, 1989.
2. Submit a well log showing lithologies and water levels on or before June 5, 1989.
3. Submit water level information for MW-2 and MW-3 on or before June 5, 1989.
4. Submit water quality baseline data as referenced in Table 7.5 of the MRP on or before June 30, 1989.

Genwal Coal Company had sent a letter to the Division (received on May 9, 1989) which discussed the status of monitoring well MW-3. Genwal's letter stated that the drilling program was contracted out to P.C. Exploration Incorporated (The Contractor). The contractor had completed the drilling of monitoring well MW-2 on March 27, 1989. However, during the first part of April, the contractor had to relocate their driller to another drilling project in Arizona while Genwal moved the drilling equipment and setup at drill site MW-3. The driller is scheduled to return to Genwal mine on May 15, 1989 to complete the drilling program by May 27, 1989.

N89-16-1-1

The above mentioned violation was issued on May 3, 1989 from the Salt Lake City office. The violation was issued for failure to submit the annual report in a timely manner. On May 4, 1989, the undersigned inspector received the annual report from the operator during an unofficial visit at the Huntington office.

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3. Topsoil.

The three topsoil stockpiles will require berm maintenance immediately adjacent to the access road to prevent disturbance of the stockpiles. At this time, the berms are functional and the topsoil stockpiles meet the requirements of UMC 817.23.

4. Hydrologic Balance:

b. Diversions.

The strawbales placed at the inlet of culvert C-2 has been and is currently catching sediment. This sediment will need to be removed before a short circuiting problem occurs. If a short circuiting problem does occur, the drainage from culvert C-2 is directed into the pond. This diversion presently meets the requirements of UMC 817.43.

c. Sediment Ponds and Impoundments.

The 1st quarter 1989 NPDES discharge reports were checked. Except for the documented small pond leak, no other problems were noted.

The 1st quarter 1989 pond inspection report was checked. Except for the documented small pond leak, no other problems were noted.

d. Other Sediment Control Measures.

The operator was informed that sections of the silt fencing through out the mine site will require replacement. At this time, the sections of silt fencing in question are functional and meets the requirements of UMC 817.45. The silt fencing is preventing, to the extent possible, additional contributions of sediment to stream flow or to runoff outside the permit area.

e. Surface and Groundwater Monitoring.

N89-27-7-2, 2 of 2

The above mentioned violation was issued on May 11, 1989 for failure to comply with the terms and conditions of the permit regarding surface and ground water monitoring up to and including May 11, 1989. This violation was terminated the same day because no abatement is possible.

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11. Contemporaneous Reclamation.

Steep Slope Irrigation Program

A Division letter dated August 8, 1988 requires the operator to irrigate the steep slope between the powder magazine pad and the trailer. This slope will be irrigated through the growing season beginning May 15th and ending September 30 of each year until ground cover is in excess of 80% (Based on annual inspections by the Division).

It was agreed that 0.25 to 0.5 inches of water will be applied once every seven (7) days, with the schedule being modified under the following conditions:

1. The 7-day period would restart at the end of any precipitation event greater than 0.5 inches.
2. Based on annual ground cover inspections (normally the last week of June to the first week of July) by the Division, the irrigation may be terminated until a subsequent annual inspection shows less than 80% ground cover.

The following must be done by the operator to assure compliance with the irrigation program:

- * A log must be kept documenting the date of irrigation and the approximate water application.
- * The log must also document the dates of any 0.5 inch or greater precipitation events (installation of rain gauge required).

Steep Slope Irrigation Log Inspection

On May 3rd and 4th of 1989, the operator had irrigated the steep slope between the powder magazine pad and the trailer with approximately 3000 gallons of water.

Copy of this Report:

Mailed to: Allen Childs (Genwal Coal), Price Office and Brian Smith(OSM)

Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number: *Shawn Linner* #27 Date: May 24, 1989