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State of Utah

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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: Sept. 5, 1990
8:30am - 5:30pm

Permittee and/or Operators Name: Genwal Coal Company
Business Address: P.O. Box 1201, Huntington, Utah 84528
Mine Name: Crandall Canyon Mine Permit Number: ACT/015/032
Type of Mining Activity: Underground X Surface Other
County: Emery
Company Official (s): Lanny Burnside and Jim Pruitt
State Official(s): Lynn Kunzler & Tom Mitchell
OSM Official(s): Rade Orell and Charles Sandberg
Partial: Complete: X Date of Last Inspection: August 15, 1990
Weather Conditions: Clear to light rain
Acreage: Permitted 164.4 Disturbed 5.75 Regraded 0.5 Seeded 0.5 Bonded 5.75
Enforcement Action: N90-17-4-2 and N90-17-5-2

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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(Comments are Numbered to Correspond with Topics Listed Above)

2. Signs & Markers. The operator needs to maintain the stream buffer zone signs located behind the middle and upper topsoil piles. Signs were still readable but were not secure to the sign post.
3. Topsoil. The three topsoil piles were inspected for vegetation cover and signs of erosion. All topsoil piles were stable. However, the strawbales located around these piles should be replaced in the near future.
- 4b. Diversions. Problems were noted during the inspection with diversions #dd-4 and #DD-8. DD-4 has been mostly buried due to construction of the substation facilities. DD-8 had been partially filled in with cement. The operator indicated that they had recently buried an electrical cable and capped it with cement for protection. NOV # N90-17-4-2, 1 of 2 was issued for failure to maintain diversion ditches. It was noted that runoff from the disturbed areas that was serviced by these diversions would still report to the sediment pond. Culvert #C-3 which conveys drainage from a small area below the coal loading facilities to the sediment pond was found to be the improper size according to the MRP. The MRP identifies this culvert as a 24" cmp (design criteria as well as 'as-built'). However, field measurements showed this culvert to be only a 12" cmp. NOV #N90-17-4-2, 2 of 2 was issued for failure to construct facilities in accordance with approved plans.
- 4e. Surface and Groundwater Monitoring. Water monitoring reports were checked for the past year. While the operator has apparently collected all required samples, analysis of several parameters for some samples during the third and fourth quarter of 1989 and July 1990 were not analyzed. The operator indicated that the lack of analysis during 3rd and 4th Quarters of 1989 was due to a mix-up at the lab where the lab used the wrong parameter list when conducting the analysis. The operator has taken the necessary steps to correct the problem as can be noted on all subsequent monitoring reports having the correct parameters. NOV # N90-17-5-2, 2 of 2 was issued for failure to conduct water monitoring in accordance with the approved plan and terminated at the time of issuance since this is considered an after-the-fact violation.

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14. Subsidence Control. Subsidence monitoring and reporting has not been conducted as described in the MRP. The operator has been conducting weekly pedestrian surveys for escarpment failure since January 1990. However, the operator was to have submitted monthly reports of this monitoring to the Division. At the time of the inspection, no reports have been submitted. Also, the operator was to have established baseline points and conducted annual flight surveys for subsidence. Again, as of the date of the inspection, no maps have been generated for the last two years. NOV #N90-17-5-2, 1 of 2 was issued for failure to conduct subsidence monitoring in accordance with the approved plan.

Copy of this Report:

Mailed to: Brian Smith - OSMRE, Allen Childs, Genwal, PFO

Given to: Joe Helfrich & Daron Haddock - DOGM

Inspectors Signature and Number:  #17 Date: 10/02/90