



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: 12/9/91, 11:00am - 4:00pm

Permittee and/or Operators Name: Genwal Coal Company (801) 687-9813

Business Address: P.O. Box 1201, Huntington, UT 84528

Mine Name: Crandall Canyon Mine Permit Number: ACT/015/032

Type of Mining Activity: Underground Surface Other

County: Emery

Company Official (s): Randall Ralphs, Jay Marshall

State Official(s): Priscilla Burton, Wayne Western 11/15/91

Partial: Complete: Date of Last Inspection: 9/27/91

Weather Conditions: Sunshine, brisk, 20's

Acreage: Permitted 2165.42 Disturbed 5.55 Regraded 0.5 Seeded 0.5 Bonded 5.6

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)	()	()	(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)	()	(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)	()	()	(X)
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(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)	()	()	(X)

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS

A review of the records indicated the following:

On November 19, 1991 the application for transfer and assignment of permit rights due to change of coal ownership was approved by the Division. As specified in this letter, required changes in the "Legal & Financial", Chapter 2 are required by December 26, 1991.

a. The Reclamation Agreement was signed 5/5/89. The surety is in order. The liability insurance is a claims made policy and all public notices must state this fact (interoffice letter of 12/31/90).

b. A revised Mining and Reclamation Permit was issued on 4/22/91 (expires 5/13/93). The existing permit area is listed as 2165.42 acres. Six stipulations were placed on the permit and are summarized in Attachment A. Genwal has submitted a revised Chapter 14 to address these stipulations. This chapter is currently under review by the Division. Genwal submitted a revised Chapter 3 as abatement to violation 91-15-2-3, 1 of 3.

c. Several amendments have been submitted by the Crandall Canyon Mine site in the last year. Working backwards they are:

- ACT 015/032/91F rec'd 12/3/91 Chap 3 Revision to abate N91-15-2-3, 1 of 3, for approval of construction of office and 2nd Fan at the mine site, under review.
- /91E app'd 9/10/91 UD-3 Culvert upgrade/maintenance
- /91D rec'd 8/2/91 Updates to Chapter 14, under review
- /91C rec'd 6/21/91 Stipulation Response, further requests made and submitted in the form of a revised Chap14
- /91B app'd 6/28/91 Haulroad and surface expansion
- /91A rec'd 2/2/91 Chapters 3 and 7, not approved
- /90-2 app'd 4/22/91 NEICO State Leases, MRP Chap 14
- /90J app'd 1/17/91 Truck loadout modification
- /90I app'd 2/6/91 Transfer tower /crushing facilities
- /90? app'd 10/12/90 Bulk oil storage
- /90? app'd 10/12/90 Installation warehouse pad
- /90F app'd 10/12/90 Removal power poles/Install concrete road barrier

Genwal will re-survey their disturbed area and they will restake the disturbed area. Submittal of a certified map and placement of perimeter stakes in response to N91-15-2-3, 2 of 3, has been delayed until the survey can be completed. N91-15-2-3, 2 of 3 has been modified to show an abatement date of February 2, 1992. In the interim, Genwal has placed a marker to delineate the border between the disturbed area and the Forest Service parking/turnaround.

d. A Notice of Intent was filed with the Bureau of Air Quality on 9/12/91. In this Notice, the annual production at Crandall Canyon is estimated at 1.5 MTons. Page one of this Notice incorrectly cites the legal description of three of the coal leases. As discussed with Mr. Marshall during the last complete inspection, a revised page will be included in the Notice when it is included in the updated MRP after the Notice is approved.

e. Genwal Coal Co is also preparing information for the abatement of N91-13-1-1. The abatement date for this violation is 12/20/91 and requires the submittal of detailed plans as per the November 22, 1991 letter from Daron Haddock.

3. TOPSOIL

The topsoil piles along the F.S. access road are protected from water erosion by asphalt berms. These berms appear to be concentrating and funneling water onto the road embankment downslope from the topsoil piles, where the water is causing considerable erosion. The F.S. has been onsite to evaluate the erosion hazard. The F.S. is concerned mainly where the road embankment is so steep that the danger of the road being undercut is present. Genwal is in communication with the F.S. on this issue.

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4.b. DIVERSIONS

All diversions were clear and functioning except the disturbed diversion which runs along the north side of the new warehouse and office. This diversion has been disturbed by the office construction activity. Mr. Marshall stated that a revision of the drainage plan at this location is included in Chapter 7. Genwal requests that a buried culvert is placed in this location instead of an open ditch. Genwal received approval for this modification in a meeting at Division office on 12/12/91.

4.e. SURFACE AND GROUNDWATER MONITORING

The third quarter report was received on 11/29/91. Analysis results from sampling in October for the fourth quarter were also available for review. Genwal had sampled groundwater, in-mine wells and drill holes and two springs in October. Some parameters were noted missing and Genwal agreed to resample locations that were accessible to provide a complete set of information the fourth quarter report. An extension of time for drilling groundwater monitoring wells in the present mine works was approved 12/5/91. The two drill hole/monitoring wells will be completed by the end of January 1992.

6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL

Genwal's recent submittals (Amendments 91 C and D and F) address this issue and are under review. At the load out, Genwal has eeked out room for a truck-load of sand/salt road mix and for a truck-load of spoil to be used as backfill against the retaining wall in the office construction (91F).

11. CONTEMPORANEOUS RECLAMATION

Mt. Nebo Scientific has reclaimed the lower half of the access road (leading to the uppermost pad/power poles) using interim mix. The surface of the road was worked into a staircase of terraces before being seeded, no mulch was used.

18. SUPPORT FACILITIES

At the loadout, Genwal has the capacity for the storage of 3000 Tons of coal (Mr. Marshall's estimate). The coal is manipulated with a front end loader. At the time of the inspection, only a small amount of coal was in the loadout storage area. Unfortunately, this coal was piled ontop of the drainage pipes and valves for the bulk oil storage containment structure, which made it impossible for me to check compliance with R Summers request to thread the outlet to the decant system for the bulk storage facility (inspection 10/24/91). Mr. Marshall indicated that the coal had only been in this location for one week and was not permanently piled in this location. I emphasized that coal should not be stacked in this location for two reasons:

- 1) the need to access the valves in the case of an emergency, and
- 2) the potential damage from the front end loader to the valve and pipe system.

I suggested that Mr. Marshall relay these concerns to Savage Bros. Trucking operators of the loadout.

A copy of the SPCC plan was obtained for the Division files. Genwal has a containment vessel which holds 1,000 gallons of diesel fuel and total aggregate containment capacity of 3,250 gallons of fuel. Therefore, this SPCC plan must be filed with the regional EPA Administrator in accordance with the 40 CFR part 112. Information from the EPA on Spill Prevention Control and Countermeasure Plans are attached to this report. Genwal must provide the Division with copies of correspondence with the EPA on this topic at the next inspection.

Copies of this report:

- Mailed to: Brian Smith - OSM, Jay Marshall - Genwal Coal Co.
- Given to: Daron Haddock and Joe Helfrich - DOGM

Inspector's Signature *Paula Boston* #37, date 12/13/91