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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

John

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Partial: Complete: XX Exploration:
Inspection Date & Time: 23 Sep, 1993/08:30 to 12:45
Date of Last Inspection: 11 Aug, 1993

Mine Name: Crandall Canyon Mine County: Emery Permit Number: ACT/015/032
Permittee and/or Operator's Name: Genwal Coal Company
Business Address: P. O. Box 1201, Huntington, Utah 84528
Type of Mining Activity: Underground XX Surface Prep. Plant Other
State Official(s): James D. Smith,
Company Official(s): Larry Johnson, Lannie Burnside
Federal Official(s): None
Weather Conditions: Clear, high 60's, light wind up canyon
Existing Acreage: Permitted-2165.42 Disturbed-5.55 Regraded-0.5 Seeded-0.5 Bonded-5.55
Increased/Decreased: Permitted-0 Disturbed-0 Regraded-0 Seeded-0 Bonded-0
Status: Exploration/XX 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 type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT /015/032

DATE OF INSPECTION: Sept 23, 1993

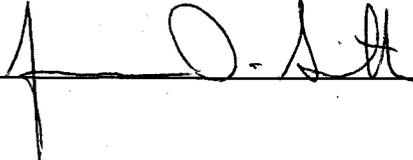
(Comments are Numbered to Correspond with Topics Listed Above)

1. A change of ownership is pending and is anticipated for October, 1993.
- 4a. Ditch DD-1 was checked for rip-rap as is shown on Plate 7-5b. The lower portion of this ditch appears to be naturally protected with rock, but the upper portion contains no significant rock. There is no erosion of the channel or inslopes. Design and as-built calculations in Appendices 7 and 11 do not indicate rip-rap is needed in this ditch. The reason rip-rap is shown in this ditch on Plate 7-5b is not clear.

Plate 7-5a (revision 5/4/93) does not show the 12" by 20' culvert in DD-4 between the concrete dumpster pad and the road. According to Lannie Burnside it was installed to facilitate access to the dumpster pad. The MRP does not contain design specifications or calculations for this culvert and it was installed without approval from DOGM. However, previous versions of Plate 7-5a have shown this culvert; it has been in place for several years and has not been noted in prior inspections because it was indicated on previous versions of Plate 7-5a.
- 4d. Water samples have been collected and are in the process of being analyzed. Results will be submitted to DOGM next month in a quarterly report.
20. The main crusher was inoperative at the time of the inspection and the secondary crusher was being used. The water spray on the coal entering this crusher had not been turned on when it was started. The crusher was producing dust that could be felt in the eyes and mouth and seen as it settled on clothing and vehicles, but not as a visible plume. Water sprays were turned on during the inspection; it is estimated the crusher had operated without the sprays for 45 minutes.
21. A surety rider increasing the bond amount to \$703,000 has been received by DOGM. The rider also adds wording that makes the portion of the bond covering Federal lands payable to OSM if the cooperative agreement between OSM and Utah is terminated. New Exhibits B and D of the Reclamation Agreement are to be completed by Genwal for inclusion in the plan.

Copy of this Report:

Mailed to: Marcia Petta (OSM) Larry Johnson - Jay Marshall (Genwal Coal Company)
Given to: Joe Helfrich (DOGM) Daron Haddock (DOGM)

Inspector's Signature:  # 43 Date: 27 Sept, 1993

1993-9-23-1-1