

11-20-89

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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, 1989
1:30 pm to 4:00 pm

Permittee and/or Operators Name: Consolidation Coal Company
Business Address: P.O. Box 527 Emery, Utah 84522
Mine Name: Emery Deep Mine Permit Number: ACT/015/015
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Chris Jones
State Official(s): R. Harden, M. DeWeese
Partial: Complete: Date of Last Inspection: September 7-8, 1989
Weather Conditions: Clear, cool
Acreage: Permitted 5180 Disturbed 40 Regraded 2.66 Seeded 2.66 Bonded 247
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

| | YES | NO | N/A | COMMENTS |
|--|-------|-----|-----|----------|
| 1. PERMITS | (X) | () | () | (X) |
| 2. SIGNS AND MARKERS | () | () | () | () |
| 3. TOPSOIL | () | () | () | () |
| 4. HYDROLOGIC BALANCE: | | | | |
| a. STREAM CHANNEL DIVERSIONS | () | () | () | () |
| b. DIVERSIONS | () | () | () | () |
| c. SEDIMENT PONDS AND IMPOUNDMENTS | (X) | () | () | (X) |
| d. OTHER SEDIMENT CONTROL MEASURES | (X) | () | () | (X) |
| e. SURFACE AND GROUNDWATER MONITORING | () | () | () | () |
| 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 | () | () | () | () |
| 10. SLIDES AND OTHER DAMAGE | () | () | () | () |
| 11. CONTEMPORANEOUS RECLAMATION | () | () | () | () |
| 12. BACKFILLING AND GRADING | () | () | () | () |
| 13. REVEGETATION | () | () | () | () |
| 14. SUBSIDENCE CONTROL | () | () | () | () |
| 15. CESSATION OF OPERATIONS | () | () | () | () |
| 16. ROADS | | | | |
| a. CONSTRUCTION | () | () | () | () |
| b. DRAINAGE CONTROLS | () | () | () | () |
| c. SURFACING | () | () | () | () |
| d. MAINTENANCE | () | () | () | () |
| 17. OTHER TRANSPORTATION FACILITIES | () | () | () | () |
| 18. SUPPORT FACILITIES | | | | |
| UTILITY INSTALLATIONS | () | () | () | () |

INSPECTION REPORT
(continuation sheet)

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PERMIT NUMBER: ACT/015/015

DATE OF INSPECTION October 30, 1989

1. PERMITS

The operator has submitted a proposal for the development of additional portal entries for the Emery Deep Mine. The location of these proposed facilities was visited during the course of the inspection. Concerns regarding deficiencies in the proposal. Discussions on site related to the sediment control methodologies to be utilized in conjunction with the construction and the operation of the new facilities. Primarily, berms shall be employed to maintain runoff from the disturbed areas. It was determined that the berms should be constructed in a manner that they contain the 25 year - 24 hour event and have an emergency spillway which will safely pass the 25 year - 24 hour storm event. Additionally, it was mentioned by the Division that the water impounding portions of the berms should be constructed in a manner that they comply with the SCS guidelines for impounding structures and that they meet the criteria for embankments under the regulations.

Regarding the outslopes of the mine development waste storage piles, the operator has indicated that their experience warrants the design slope of 45 degrees. Regarding the Division's concerns of this steep angle, the Division agreed that the slope of these piles is only relevant from a safety standpoint and that if MSHA concurred with the operator's plan that the slopes proposed would be acceptable.

The Division intend on readressing their comments in light of a letter of concern issued from the operator to the Division. It appears that with some modifications to the proposed plan that the new portal facilities will be approved by the Division.

4. HYDROLOGIC BALANCE: c. SEDIMENT PONDS AND IMPOUNDMENTS

Sediment pond 6 has experienced seepage beneath the embankment. The operator has consulted with a geotechnical consultant regarding the stability of the embankment. Indication by the consultant indicated that there was no immediate stability problem associated with the seepage. The operator will continue to monitor the seepage for any evidence of change regarding the integrity of the structure. The Division concurred with the operator that there is no evidence of instability of the embankment at this time. It appears that the seepage is caused by gravels in burried stream channels beneath the embankment and that the seepage is not occuring directly through the embankment itself.

4. HYDROLOGIC BALANCE: d. OTHER SEDIMENT CONTROL MEASURES

The operator is current installing a wind break fence to control coal fines currently accumulating in Christiansen Wash. The fence is now approximately 75% complete.

Copy of this Report:

Mailed to: John Kathman - OSM Chris Jones - Consolidation Coal
Given to: Joe Helfrich - DOGM

Inspectors Signature and Number: #13 J. J. [Signature] Date: Nov. 13, 1989