



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 16, 1998

TO: File

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Wayne H. Western, Senior Reclamation Specialist *WHW*

RE: Annual Report Review, Consolidation Coal Company, Emery Deep Mine, ACT/015/015, File #2, Emery County, Utah

Summary:

The three engineering issues in the 1997 annual report are, impoundments, refuse piles and subsidence. The Permittee supplied the Division with information on the impoundments and refuse piles. The subsidence information was not given.

Analysis:

- Mr. Bruce Ware, a registered land surveyor, did the annual inspections for all the impoundments at Emery Deep. Since the impoundments are exempt for MSHA requirements, the annual inspection may be done by a qualified individual. The information in the annual reports shows that the ponds in proper working condition. The information in the annual report is consistent with the information in the Division's inspection reports. The Division considers the annual reports adequate and no further action is needed.
- Mr. Ervin Anderson, a professional engineer, conducted the annual inspection of the temporary coal stockpile, I.D. # 1211-UT-09-00079-01. Mr. Anderson determined that no problems existed at the refuse pile. Those findings are consistent with the information in the Division's quarterly inspection reports. I recommend that the Division accept the annual refuse pile inspection report and that no further action be taken.
- The Permittee did not include any subsidence data in the annual report. The subsidence control plan states that subsidence monitoring will be conducted annually. Subsidence reports were included in the annual reports in 1996 and 1997. The 1997 subsidence report stated that the maximum amount of movement at any subsidence control point was less than 0.5 feet. Since mining ceased in 1990 and the 1997 subsidence reports suggest that ground surface is stable the Division has no reason to suspect that safety or environmental related subsidence issues exist at the mine. However, the Permittee does need to supply the Division with a subsidence monitoring report for 1997.

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Findings:

- The Permittee met the minimum requirements of R645-514.311 by having the impoundments annually inspected by a specialist with experience in impoundment construction.
- The Permittee met the minimum requirements of R645-514.220 by having the refuse piles inspected annually by a registered professional engineer.
- The Permittee did not meet the requirements of R645-301-525.230. The Permittee needs to supply the Division with information on subsidence monitoring for 1997.

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