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State of Utah
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DIVISION OF OIL, GAS AND MINING

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September 12, 1997

TO: File

THRU: Joe Helfrich, Permit Supervisor *Joh*

FROM: Jess Kelley, Reclamation Specialist *JK*

RE: Amendment to Reclamation Plan, Consolidation Coal Company, Hidden Valley Mine, ACT/015/007-97B, Folder #2, Emery County, Utah

SUMMARY:

This site, which has been reclaimed, has not achieved revegetation success. To correct this, the permittee plans to regrade the B Seam area, resurface the A Seam and the B Seam areas with coarse material from the lower part of the access road, roughen the surfaces of both areas, and reseed both areas. These actions, the permittee hopes, will provide for better water conservation, prevent erosion, and thus improve the chances for successful revegetation.

TECHNICAL ANALYSIS:

Only the B Seam area will be regraded. The slope will be steepened from its present 2.8h:1v to 2h:1v. The extra fill material thus obtained will be used to flatten the bench area between the B Seam slope and Ivie Creek. Coarse material from the lower portion of the access road will then be placed on the regraded surface and the surface will be roughened and reseeded. If the revegetation of the B Seam area is successful, the surface of the A Seam area will later receive the same treatment.

The original slope stability analysis for the reclamation of this site is found in Appendix VII. It was done assuming a reclaimed slope of 2h:1v and is thus still applicable to the proposed regrading plan. It indicates that the proposed 2h:1v slope will attain a static stability safety factor slightly over the value of 1.3 required by the regulations.

RECOMMENDATION:

It is recommended that the present proposal be approved and that regrading and resurfacing of the B Seam area be allowed to proceed.