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

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May 10, 1999

Ken Payne, General Manager
Canyon Fuel Company, LLC
P. O. Box 1029
Wellington, Utah 84542

Re: Riprap Addition, Canyon Fuel Company, LLC, Dugout Canyon Mine, ACT/007/039-99C, File #2, Carbon County, Utah

Dear Mr. Payne:

The referenced amendment is hereby approved effective May 6, 1999. Mike Suflita's technical memo is provided for your records. A stamped approved incorporated copy of your submittal is enclosed for insertion in your mining and reclamation plan.

TECHNICAL ANALYSIS:

HYDROLOGIC RESOURCE INFORMATION

Regulatory Reference R645-301-744

Analysis:

Plate 7-5, Disturbed Area Diversions, was revised to reflect the newly riprapped areas. The text was revised in Chapter 7 to reflect the new riprap, including the affected tables and Appendix 7-11. The culvert outlet riprap design appears adequate with regard to the Manning roughness coefficient and other aspects, particularly the riprap sizing.

The riprap for the sed pond ditch also appears appropriately sized. The ditch slope and roughness were confirmed and it appears the design is adequate. This is a relatively minor revision of the MRP and seems to be adequate.

Findings:

The proposed revision meets regulatory requirements.

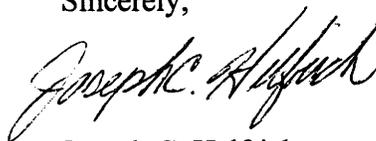
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RECOMMENDATION:

The proposed revision can be approved in its present form.

If you have any questions, please call.

Sincerely,



Joseph C. Helfrich
Permit Supervisor

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Enclosure

cc: Chris Hansen, Scofield
Steve Demczak

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