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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt  
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Division Director

September 22, 1998

TO: File

THRU: Joe Helfrich, Permit Supervisor 

FROM: Susan M. White, Senior Reclamation Biologist 

RE: Mulch and Seed, Canyon Fuel Company, LLC, Dugout Canyon Mine,  
ACT/007/039, File #2, Carbon County, Utah

## **SUMMARY and TECHNICAL ANALYSIS:**

The Dugout permit requires Division approved mulch to be used on the wildlife mitigation area. The mitigation area is upstream from the disturbed area. Vicki Miller, Earth Fax Engineering, called for mulch approval. She stated that they would like to use EcoFibre wood fiber mulch (manufactures specifications attached) at the rate of 2000 pounds per acre. This mulch is a suitable mulch and the application rate is suitable for the intended purpose. When questioned she stated that the seed and mulch will not be applied in a single application. The mulch will be applied after the seed. After discussion with Bob Davidson, Division Soil Scientist, the decision was made that no fertilizer would be necessary for this seeding, only.

Vicki Miller called and stated that Northern Sweet Vetch is not available this year from the seed suppliers. The Division verbally approved this deletion from the seed mixture for this year only. No suitable substitute could be found for the Sweet Vetch. In the future the Operator should order seed with enough lead time to ensure seed availability.

## **RECOMMENDATION:**

The Operator should be told to proceed with the above stated plans.