

0017



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

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May 27, 1999

TO: File

THRU: Daron Haddock, Permit Supervisor *DH*

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

RE: 150-Acre Lease Modification, Canyon Fuel Company, LLC, SUFCO Mine, ACT/041/002-98-2, File #2, Sevier County, Utah

**SUMMARY:**

On December 7, 1998, the Division received permit change from the SUFCO Mine. The permit change was for adding a 150-acre lease to the existing permit area. On January 29, 1999, the Division received the Record of Decision for the Pines Tract Project. The Forest Service will allow the Permittee to mine the 150-Acre IBC but they will not be allowed to undermine Box Canyon. On May 20, 1999, the Division received the revised PAP and conducted a review.

**Technical Analysis:**

**OPERATION PLAN**

**SUBSIDENCE CONTROL PLAN**

**Analysis:**

**Subsidence control plan.**

The Division reviewed the subsidence control plan. The Permittee developed a mine plan that would prevent subsidence from occurring outside the permit boundaries and in Box Canyon. The potential subsidence limits for the 150-acre IBC are shown on Plate 5-10. The Permittee used an angle-of-draw of 15° for the continuous miner sections. The angle-of-draw was based on subsidence studies at the SUFCO mine.

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**Findings:**

The Permittee met the minimum requirements of this section.

**MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS**

**Analysis:**

The Permittee modified Plate 5-1 "Previously Mined Areas," Plate 5-2C "Details of Portal Facilities," Plate 5-5 "Existing Surface and Subsurface Facilities and Features," Plate 5-6 "Land Ownership," Plate 5-7 "Upper Hiawatha Mine Plan 5 Year Projection," Plate 5-8 "Lower Hiawatha Mine Plan," and Plate 5-10 "Potential Subsidence Limits" to either update them with new information and/or to include the lease modification area. The new maps show that mining will occur in the 150-acre IBC and that no subsidence will occur in Box Canyon.

**Findings:**

The Permittee met the minimum requirements of this section.

**Recommendations:**

The Division should approve the engineering section of the 150-acre IBC.



**Canyon Fuel Company**  
**SUFCO Mine**  
397 South 800 West  
Salina, UT 84654  
(435) 637-4880 Fax (435) 636-4499

May 25, 1999

Ms. Kelly Coleman  
Department of Environmental Quality  
Division of Water Quality  
288 North 1460 West  
P. O. Box 144870  
Salt Lake City, UT 84114-4870

ACT 1041/002 #7

Dear Ms. Coleman:

Enclosed are the April 1999, Discharge Monitoring Reports (DMR's) for the SUFCO Mine facility, permit number UT-0022918. Discharge points 001A and 002 had no outflow. The outflow from point 003A had no exceedances for the month.

Sincerely,  
CANYON FUEL COMPANY, LLC  
SUFCO Mine

Wesley K. Sorensen, P.E.  
Technical Services Manager

WKS:kb

Encl.: March DMR's

cc: Mary Ann Wright, DOGM  
Rob Mrowka, USFS  
Chris Hansen, Skyline  
Compliance Officer, U.S. EPA, Denver  
EPA Test Procedures & Water Monitoring File

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