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

OK

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July 2, 2002

Dan Meadors, General Manager  
Canyon Fuel Company, LLC  
HC 35 Box 380  
Helper, Utah 84526

Re: Approval of Removal of Silt Fences, Canyon Fuel Company, LLC, Skyline Mine, C/007/005-AM02D, Outgoing File

Dear Mr. Meadors:

The above-referenced amendment is approved effective July 2, 2002. A stamped incorporated copy is enclosed for your copy of the Mining and Reclamation Plan.

If you have any questions, please feel free to call me at (801) 538-5325.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

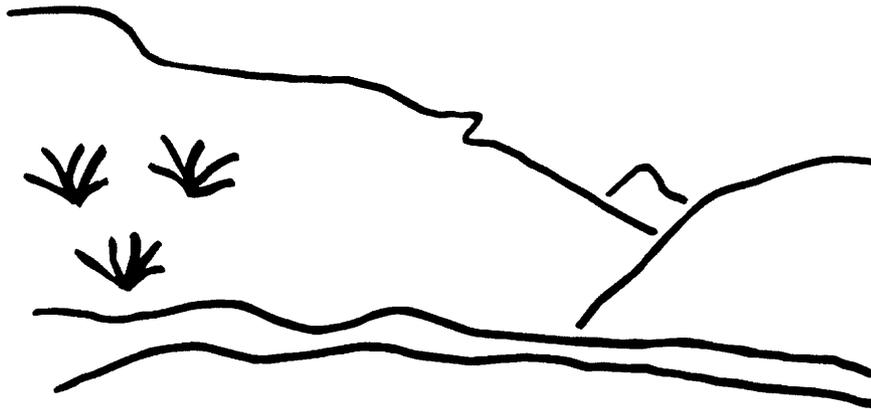
Daron R. Haddock  
Permit Supervisor

an  
Enclosure

cc Ranvir Singh, OSM  
Tom Rasmussen, BLM  
Elaine Zieroth, USFS  
Mark Page, Water Rights w/o  
Dave Ariotti, DEQ w/o  
Derris Jones, DWR w/o  
Price Field Office

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# State of Utah



## Utah Oil Gas and Mining

### Coal Regulatory Program

Skyline Mine  
Removal of Silt Fences  
C/007/005-AM02D  
Technical Analysis  
July 3, 2002

**INTRODUCTION**

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**TECHNICAL ANALYSIS**

**INTRODUCTION**

On May 24, 2002 the Division received an amendment to the MRP to remove silt fences along the conveyor belt used to carry coal from the mine to the railroad loadout. This document is a review of that amendment. There are no deficiencies.

Page 2  
C/007/005-AM02D  
July 3, 2002

## INTRODUCTION

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**OPERATION PLAN**

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# **OPERATION PLAN**

## **HYDROLOGIC INFORMATION**

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

### **Analysis:**

#### **Sediment control measures**

There is an overhead conveyor system that carries coal from the Skyline minesite along State Highway 264 to the railroad loadout at the bottom of Eccles Canyon. This conveyor has been in place for over 10 years. The system is supported by a series of single steel bents (towers or poles) that are strengthened by horizontal bracing that is anchored into the hillside. This configuration allowed minimum surface disturbance and minimum sediment runoff. When installed, the disturbed areas were graded and seeded, and silt fences were installed at the lower edges of these areas. The areas involved were designated Alternate Sediment Control Areas 8, 9, and 10. The areas involved are 1.82 acres, 0.72 acres, and 6.04 acres respectively.

Since the original installation, the vegetation has grown and in most instances is greater than native vegetation on adjacent lands. Further, the mine Operator has included in the submittal an addition to Volume 5, Section 23, Demonstration for Grass Filters Along Overland Conveyor. These Sedcad calculations demonstrate the vegetation is better at preventing overland sediment runoff than surrounding natural terrain. Field visits by this reviewer, Joe Helfrich, and Paul Baker, all Division personnel, confirm that the vegetation is growing well and the silt fences are no longer needed. The mine can remove the silt fences.

### **Findings:**

The amendment meets minimum regulatory requirements.