

# Outgoing File Tracking Sheet

2002

#	Date:	To:	From:	Re: C/007/016
1.	<u>1/28/02</u>	<u>Chris</u>	<u>Daron</u>	<u>Approval of Sample Location &amp; Monitoring – AM01A</u>
2.	<u>2/27/02</u>	<u>Chris</u>	<u>Pam</u>	<u>Phase I Bond Release – BR01B</u>
3.	<u>3/13/02</u>	<u>Chris</u>	<u>Lowell</u>	<u>Revised Permit (Reduced Permit Area – AM99C)</u>
4.	<u>5/17/02</u>	<u>Chris</u>	<u>Daron</u>	<u>Removal of Silt Fence and Rock Gabion Structures – AM02A</u>
5.	<u>6/20/02</u>	<u>Chris</u>	<u>Pam</u>	<u>Extension Granted for Phase I Bond Release – BR01B</u>
6.	<u>10/17/02</u>	<u>Chris</u>	<u>Pam</u>	<u>Phase I Bond Release – BR01B-1</u>
7.	<u>10/17/02</u>	<u>Chuck</u>	<u>Pam</u>	<u>Phase 2 Reclamation Plan – AM01D-2</u>
8.	<u>10/25/02</u>	<u>Chris</u>	<u>Pam</u>	<u>Final Bond Release – BR02B</u>

***FILE READY FOR SCANNING***



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

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January 28, 2002

Chris Hansen, Environmental Manager  
Canyon Fuel Company, LLC  
HC 35 Box 380  
Helper, Utah 84526

Re: Approval of Sample Location & Monitoring, Mountain Coal Company, Gordon Creek 2,  
7 & 8 Mine, C/007/016-AM01A, Outgoing File

Dear Mr. Hansen:

The above-referenced amendment is approved effective January 28, 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

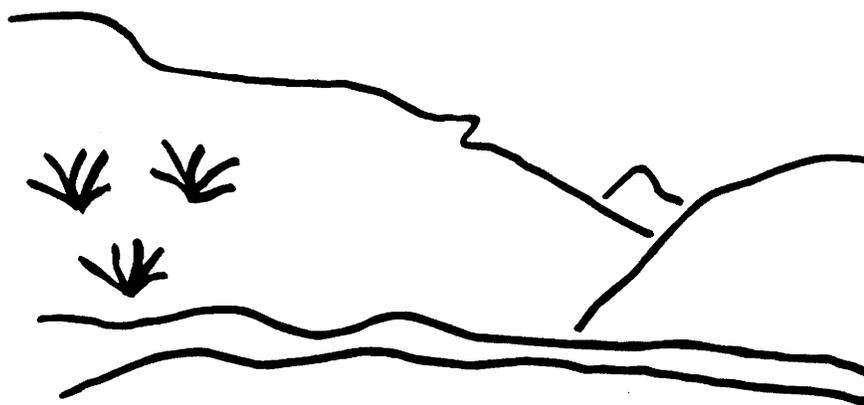
db

Enclosure

cc 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

Gordon Creek 2, 7 & 8 Mine  
Sample Locations & Monitoring  
C/007/016-AM01A  
Technical Analysis  
January 24, 2002

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INTRODUCTION

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**TECHNICAL ANALYSIS:**

**INTRODUCTION**

Mountain Coal Company submitted an amendment to their water monitoring plan on October 29, 2001 to clarify both sampling locations and monitoring frequencies. The amendment proposes to eliminate four monitoring stations in the Beaver Creek area, which are no longer within the Gordon Creek 2, 7 and 8 Mines permit area. The amendment describes the monitoring the operator plans to follow prior to and after Phase II Bond Release is issued

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January 24, 2002

**INTRODUCTION**

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RECLAMATION PLAN

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## RECLAMATION PLAN

### HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 784.14, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-301-512, -301-513, -301-514, -301-515, -301-532, -301-533, -301-542, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-733, -301-742, -301-743, -301-750, -301-751, -301-760, -301-761.

#### Analysis:

##### General

Mountain Coal Company currently maintains an ongoing reclamation water monitoring program, which includes most of the baseline and operational monitoring sites. Active mining ceased in 1990. Subsidence monitoring continued through 1998. All leases have been relinquished which reduced the permit area from 2286.05 acres to 180.0 acres. The Division approved the permit reduction in September 2001. The revised water monitoring plan will eliminate monitoring sites 2-3-W, 2-4-W, 2-5-W and 2-6-W.

##### Ground-water monitoring

Two springs will be eliminated from the monitoring plan, 2-5-W (Jewkes' Spring) and 2-6-W (Gunnison Spring).

##### Surface-water monitoring

Two water monitoring sites on Beaver Creek will be eliminated, 2-3-W (Lower Beaver Creek) and 2-4-W (Lower Beaver Creek). The remaining water monitoring sites 2-1-W, 2-7-W, 2-8-W, 2-9-W, 2-10-W and 2-11-W are surface sites and will be monitored quarterly. Samples will be analyzed for parameters listed in Table 7-18. A depiction of surface water monitoring locations, type, frequency and flow is located in Table 7-17.

Site 2-1-W is a UPDES water monitoring site. It will be sampled monthly flow, pH, TDS, TSS, Iron, Manganese and Oil and Grease and Settleable Solids.

##### Water quality standards and effluent limitations

The surface and groundwater monitoring sites in the Beaver Creek area were evaluated during the permit reduction assessment August 20, 2001. It was determined that there were no impacts to the water resources at that time, see Division of Oil Gas and Mining Internal File, dwd AM99C-4. There have also been several changes to the stream as a result of land use practices by the landowner. Final approval for the permit reduction was November 7, 2001.

**Findings:**

The operator has submitted sufficient information to address the minimum requirements of the regulations.

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

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-323, -301-512, -301-521, -301-542, -301-632, -301-731.

**Analysis:**

**Affected area boundary maps**

The operator submitted Plate 7-2 which shows the mine permit area.

**Findings:**

The operator has submitted sufficient information to address the minimum requirements of the regulations.

**Reclamation monitoring and sampling location maps**

The operator submitted Plate 7-2, which shows the water monitoring sites to be eliminated and those that will be monitored.

**Findings:**

The operator has submitted sufficient information to address the minimum requirements of the regulations.