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

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Executive Director

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Division Director

OK

August 9, 2002

James T. Jensen, Vice President  
Savage Industries, Inc.  
6430 South 3000 East, Suite 600  
Salt Lake City, Utah 84121

Re: Final Approval of Coal Sampler, Savage Industries, Inc., Savage Coal Terminal, C/007/022-AM02B, Outgoing File

Dear Mr. Jensen:

The above-referenced amendment is approved effective August 9, 2002. Enclosed is a stamped incorporated copy for insertion into your copy of the Mining and Reclamation Plan.

Thank you for completing this permitting action. 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".

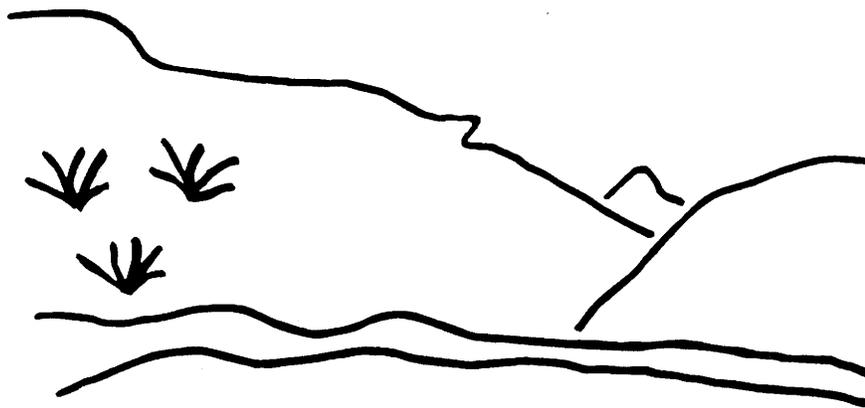
Daron R. Haddock  
Permit Supervisor

an  
Enclosure

cc: Boyd Rhodes, Savage w/o  
Dan Guy, Blackhawk w/o  
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

Savage Coal Terminal  
Coal Sampler  
C/007/022-AM02B  
Technical Analysis  
August 9, 2002

INTRODUCTION

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## TECHNICAL ANALYSIS

### INTRODUCTION

The Division received a proposal to add a coal sampler building at the Savage Coal Terminal on July 5, 2002. The proposal involves the addition of a coal sampler and associated building on the silo-loading conveyor, just east of the existing sampling building.

Information found in the proposal is considered adequate to meet the minimum requirements of the regulations.

The amendment should be approved and incorporated into the current MRP.

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C/007/022-AM02B  
August 9, 2002

**INTRODUCTION**

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**OPERATION PLAN**

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## **OPERATION PLAN**

### **MINING OPERATIONS AND FACILITIES**

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

#### **Analysis:**

##### **Facilities and Structures**

The proposed structure will consist of a 26' X 16' X 27' steel building sitting on a concrete pad and footers. Total concrete volume will be approximately 20 cubic yards. The building will be enclosed at sampling and transfer points.

#### **Findings:**

Information provided in the application is adequate to meet the minimum Mining Operations and Facilities requirements of the regulations.

### **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**

Since the proposed structure will lie within the existing disturbed area, all runoff will be directed to sediment pond 6 through existing diversions.

#### **Findings:**

Information provided in the application is adequate to meet the minimum Hydrologic Information requirements of the regulations.

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

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

**Analysis:**

The location of the new structure in relation to the permit area and other structures is shown on Plate 3-2, Savage Coal Terminal Facility Map. Plates 3-2 F and G show more detailed plans for constructing the building.

**Findings:**

Information provided in the application is adequate to meet the minimum Maps, Plans and Cross Sections of Mining Operations requirements of the regulations.

RECLAMATION PLAN

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## RECLAMATION PLAN

### BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

#### **Analysis:**

The application includes a bond estimate for the reclamation of the proposed structure, completed by Savage Industries. The estimated cost of reclamation is \$6,280. The present bond for the Savage Terminal is \$2,525,000, which includes a 5% contingency of \$126,250. Since the estimated cost for reclamation of this facility represents less than 5% of the contingency, the existing bond should be adequate.

#### **Findings:**

Information provided in the application is adequate to meet the minimum Bonding and Insurance Requirements section of the regulations.

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