

October 30, 2003

James T. Jensen, Vice President  
Savage Industries, Inc.  
6340 South 3000 East, Suite 600  
Salt Lake City, Utah 84121

Re: Approval of Surface Facility Map, Savage Industries, Inc., Savage Coal Terminal,  
C/007/0022, Task ID #1757, Outgoing File

Dear Mr. Jensen:

The above-referenced amendment is approved effective October 30, 2003. A stamped incorporated copy has been sent to Dan Guy for your copy of the Mining and Reclamation Plan.

If you have any questions, please feel free to call me at (801) 538-5268 or Stephen J. Demczak at (435) 613-5242.

Sincerely,

Pamela Grubaugh-Littig  
Permit Supervisor

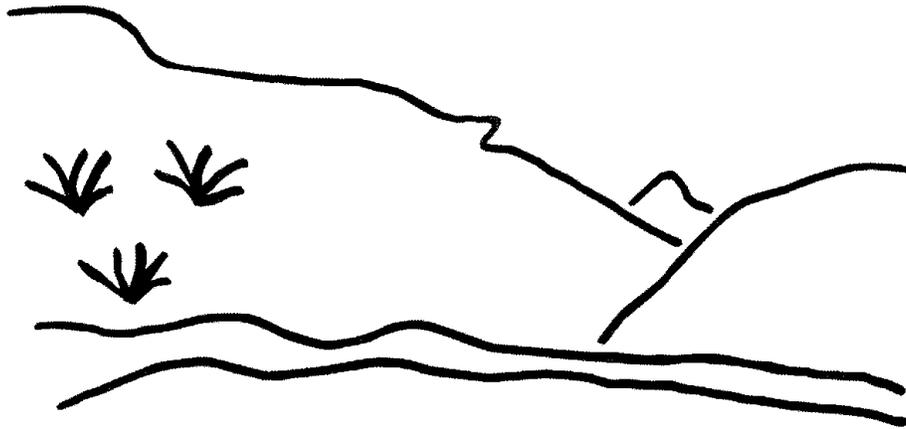
SJD/sd

Enclosure:

cc: Boyd Rhodes, Savage w/o  
Dan Guy, Blackhawk  
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  
Surface Facility Map  
C/007/022  
Task ID #1757  
Technical Analysis  
October 29, 2003



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## TECHNICAL ANALYSIS

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# TECHNICAL ANALYSIS

The Division regulates the Surface Mining Control and Reclamation Act of 1977 (SMCRA). When mines submit a Permit Application Package or an amendment to their Mining and Reclamation Plan, the Division reviews the proposal for conformance to the R645-Coal Mining Rules. This Technical Analysis is such a review. Regardless of these analyses, the permittee must comply with the minimum regulatory requirements as established by SMCRA.

Readers of this document must be aware that the regulatory requirements are included by reference. A complete and current copy of these regulations and a copy of the Technical Analysis and Findings Review Guide can be found at <http://ogm.utah.gov/coal>

This Technical Analysis (TA) is written as part of the permit review process. It documents the Findings that the Division has made to date regarding the application for a permit and is the basis for permitting decisions with regard to the application. The TA is broken down into logical section headings which comprise the necessary components of an application. Each section is analyzed and specific findings are then provided which indicate whether or not the application is in compliance with the requirements.

Often the first technical review of an application finds that the application contains some deficiencies. The deficiencies are discussed in the body of the TA and are identified by a regulatory reference which describes the minimum requirements. In this Technical Analysis we have summarized the deficiencies at the beginning of the document to aid in responding to them. Once all of the deficiencies have been adequately addressed, the TA will be considered final for the permitting action.

It may be that not every topic or regulatory requirement is discussed in this version of the TA. Generally only those sections are analyzed that pertain to a particular permitting action. TA's may have been completed previously and the revised information has not altered the original findings. Those sections that are not discussed in this document are generally considered to be in compliance.



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## INTRODUCTION

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## INTRODUCTION

The permittee has submitted an amendment to update the surface facility map showing the proposed coal storage site. The coal storage site will be located west of sediment pond #6. The coal storage site is within the disturbed area and will not have a change on the bond.

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## **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:

#### General

There will be no effect on the hydrology since it is within the disturbed area.

### Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

## SUPPORT FACILITIES AND UTILITY INSTALLATIONS

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

### Analysis:

The permittee has submitted an updated surface facility map to show an additional location of coal storage.

### Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

## 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:

### **Mining Facilities Maps**

The permittee has submitted an updated surface map giving the location of the new coal storage area.

### **Certification Requirements**

The surface facility map is on Plate3-2 and is P.E. certified.

### **Findings:**

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

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## RECLAMATION PLAN

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# RECLAMATION PLAN

## GENERAL REQUIREMENTS

Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

### Analysis:

A new coal storage site within the disturb area with minimal grading will not affect the reclamation to the Savage Loadout.

### Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

## APPROXIMATE ORIGINAL CONTOUR RESTORATION

Regulatory Reference: 30 CFR Sec. 784.15, 785.16, 817.102, 817.107, 817.133; R645-301-234, -301-412, -301-413, -301-512, -301-531, -301-533, -301-553, -301-536, -301-542, -301-731, -301-732, -301-733, -301-764.

### Analysis:

There will be no change to the approximate original contour.

### Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

## BONDING AND INSURANCE REQUIREMENTS

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

### Analysis:

**General**

There will be no changes to the bond.

**Findings:**

The permittee has met the minimum requirements of this section of the R645 Coal Rules.