



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

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July 3, 2001

James T. Jensen, Vice President
Savage Industries, Inc.
5250 south 300 West, Suite 200
Salt Lake City, Utah 84107

RE: Approval of Truck Dump Relocation Amendment, Savage Industries, Inc., Savage Coal Terminal, C/007/022-AM01D, Outgoing File

Dear Mr. Jensen:

The above-referenced amendment is approved effective June 19, 2001. Please submit three clean as-built copies of Plates 3-2 and 3-10 within 30 days of completion of the Truck Dump relocation for incorporation. Once we receive these copies, we will send a stamped incorporated copy to you for insertion into your copy of the Mining and Reclamation Plan. A copy of our Technical Analysis is enclosed for your information.

If you have any questions, please call me at (801) 538-5325 or Joe Helfrich at (801) 538-5290.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock". The signature is fluid and cursive, with the first name being the most prominent.

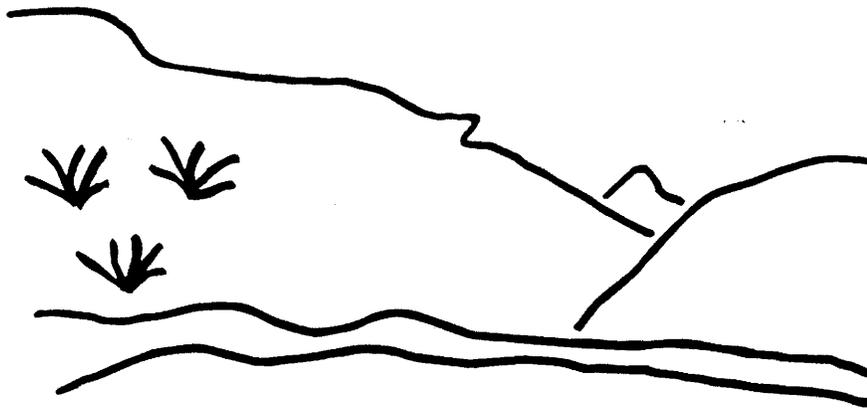
Daron R. Haddock
Permit Supervisor

sd

cc: Boyd Rhodes, Savage Industries, Inc.
Dan Guy, Blackhawk Engineering
Price Field Office

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State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Savage Coal Terminal
Truck Dump Relocation
C/007/022-AM01D
Technical Analysis
June 19, 2001

TECHNICAL ANALYSIS

INTRODUCTION

On May 21, 2001, the Division received an application to relocate the No. 5 truck dump at the Savage Coal Terminal. The proposal includes moving the truck dump to the south approximately 200' to increase the useable stock pile area. The proposed area is presently approved for coal stockpiles. Other than the extension of three existing culverts there are no new structures proposed for this amendment. This document provides the technical analysis of the proposed relocation of the #5 truck dump.

INTRODUCTION

OPERATION PLAN

OPERATION PLAN

EXISTING STRUCTURES

Regulatory Reference: 30 CFR 784.12; R645-301-526.

Analysis:

The existing #5 truck dump is shown on plates 3-2, and 3-9 of the current operation and reclamation plan. The structure is located near the center of the Terminal area. The proposed relocation of the structure is approximately 200' to the south of the current location in an existing disturbed area. Incoming coal trucks will have a straighter approach to the facility in addition to the additional coal storage area. A radial stacker will replace the current transfer system.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES

Regulatory Reference: 30 CFR Sec. 784.24, 817.150, 817.151; R645-301-521, -301-527, -301-534, -301-732.

Analysis:

The current truck loop that provides access to the #5 dump facility will be eliminated. A straighter approach at the new location will be constructed to connect the access road from East to West. Road base from the existing loop will be used to construct the new approach. No additional material will be required to construct the new facility.

Findings:

The information provided in the application is adequate to meet this section 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:

Diversions

Three culvert extensions are proposed (C-2, C-4, and C-26). Culvert C-26 will be extended and join C-4. Culvert C-4 will continue and join with C-16. Culvert C-2 will be extended and join C-4 near the entrance to C-16. The proposed configuration is shown on Plate3-10. The extension of these three culverts will provide for additional coal storage. The culverts have been previously sized and approved for the projected runoff volumes.

Findings:

The information provided in the application is adequate to meet this section 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:

Plate 3-10 provides for the location and cross sections of the proposed access road. The plate also includes the new location of the #5 truck dump and proposed radial stacker location.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

RECLAMATION PLAN

RECLAMATION PLAN

ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES

Regulatory Reference: 30 CFR Sec. 701.5, 784.24, 817.150, 817.151; R645-100-200, -301-513, -301-521, -301-527, -301-534, -301-537, -301-732.

Analysis:

This amendment involves the relocation of an existing structure and three culvert extensions, as such no changes to current reclamation plan are anticipated. The areas affected by the relocation are currently disturbed and accounted for in the reclamation plan.

Findings:

The information provided in the application is adequate to meet this section of the regulations.