



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

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August 17, 2001

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

Re: Approval of Railroad Crossing, Savage Industries Inc., Savage Coal Terminal,
C/007/022-AM01E, Outgoing File

Dear Mr. Jensen:

The above-referenced amendment is approved effective August 10, 2001. Enclosed are a stamped incorporated Plate 3-2 and table 7-25 for your copy of the Mining and Reclamation Plan and a copy of our Technical Analysis for your information.

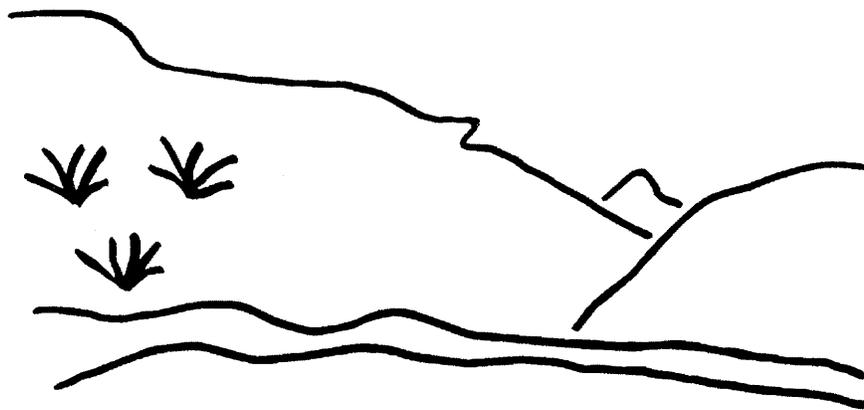
If you have any questions, please feel free to call me.

Sincerely,


Daron R. Haddock
Permit Supervisor

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Enclosures: (2)
cc: Dave Ariotti, DEQ w/o
Dan Guy, Blackhawk w/o
Derris Jones, DWR w/o
Mark Page, Water Rights w/o
Boyd Rhodes, Savage w/o
Price Field Office
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State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Savage Coal Terminal
Railroad Crossing
C/007/022-AM01E
Technical Analysis
August 10, 2001

INTRODUCTION

TECHNICAL ANALYSIS

INTRODUCTION

On June 22, 2001, the Division received an application to install an additional railroad crossing and culvert to reduce loader travel between the coal storage areas at the Savage Coal Terminal. The proposal includes the addition of one culvert to be placed in ditch CD-10. Other than the addition of culvert CD-10 there are no new structures proposed for this amendment. This document provides the technical analysis of the proposed railroad crossing.

OPERATION PLAN

OPERATION PLAN

EXISTING STRUCTURES

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

Analysis:

The proposed location of the crossing is shown on plate 3-2 of the current operation and reclamation plan and the new culvert is labeled C-26. The crossing is located approximately 200' West of the crossover conveyor along the loop track. The area is currently disturbed. The crossing will reduce loader travel and potential dust emissions by allowing better access to the coal piles north and south of the railroad.

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:

Current access to the coal piles is time consuming in that travel to the crossing at the East end of the yard is required to gain access to either the North or South coal piles. . 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.