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

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June 29, 2001

TO: **Internal File**

FROM: Joseph C. Helfrich, Biologist & Team Lead 

RE: Truck Dump Relocation, Savage Industries Inc. Savage Coal Terminal  
C/007/022-AM01D

**SUMMARY:**

On May 21, 2001, the Division received an application to relocate the No. 5 truck dump at the Savage Coal Terminal. The proposal included 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 technical memo is a review of the proposed relocation of the #5 truck dump.

**TECHNICAL ANALYSIS**

**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.

**TECHNICAL MEMO**

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**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**

### **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.

### **RECOMMENDATION:**

The amendment is recommended for approval in its present form.