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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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OK

October 15, 2002

TO: Internal File  
FROM: Stephen J. Demczak, Sr. Reclamation Specialist/Engineering, Team Lead  
RE: Truck Loader Bin, Canyon Fuel Company, LLC, SUFCO Mine, C/041/002-02F

*Steve Demczak*  
*per [initials]*

**SUMMARY:**

The permittee has requested to construct a truck loader bin to load coal for coal haul trucks. The trucks will be loaded by a front-end loader. The permittee claims this will help to eliminate spillage on top of the truck trailers.

The bonding cost for the construction project is \$539. This is well below the current contingency in the bond and below the 5 percent of the total bonding amount. This project is within the current disturbed area.

**TECHNICAL ANALYSIS:**

## OPERATION PLAN

### MINING OPERATIONS AND FACILITIES

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

**Analysis:**

The permittee has updated the Table 5-4 giving description of steel structure located at SUFCO Mine.

**Findings**

The permittee has met the minimum requirements of this section.

**TECHNICAL MEMO**

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## **TOPSOIL AND SUBSOIL**

Regulatory Reference: 30 CFR Sec. 817.22; R645-301-230.

### **Analysis:**

#### **Topsoil Removal and Storage**

The topsoil has been removed from this area. This project is within the disturbed area.

### **Findings:**

The permittee has met the minimum requirements of this section.

## **VEGETATION**

Regulatory Reference: R645-301-330, -301-331, -301-332.

### **Analysis:**

Vegetation has been removed from this area. This project is within the disturbed area.

### **Findings:**

The permittee has met the minimum requirements of this section.

## **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**

The Truck Loader Bin is within the disturbed area. The mine site sediment pond is treating the water from this area. This action will have no additional affect to the hydrology of this area.

**Findings:**

The permittee has met the minimum requirements of this section.

**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 updated two surface facilities showing the location of the truck loader bin. The maps being updated are Plate 5-2A and 5-2B.

**Certification Requirements**

The maps submitted are P.E. certified by Wesley K. Sorensen, badge No. 159457.

**Findings:**

The permittee has met the minimum requirements of this section.

**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:**

The reclamation will be to remove the steel bin and concrete from this area.

TECHNICAL MEMO

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**Findings:**

The permittee has met the minimum requirements of this section.

**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:**

This project will not change the AOC approved for this area.

**Findings:**

The permittee has met the minimum requirements of this section.

**BACKFILLING AND GRADING**

Regulatory Reference: 30 CFR Sec. 785.15, 817.102, 817.107; R645-301-234, -301-537, -301-552, -301-553, -302-230, -302-231, -302-232, -302-233.

**Analysis:**

**General**

No additional backfilling and grading will be required during reclamation due to this project.

**Findings:**

The permittee has met the minimum requirements of this section.

**BONDING AND INSURANCE REQUIREMENTS**

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

**Analysis:**

**Determination of Bond Amount**

The bonding amount for this project is \$539. This is below the 5 % of the total bond. The permittee also has \$247,751 in contingency in the bond.

**Findings:**

The permittee has met the minimum requirements of this section.

**RECOMMENDATIONS:**

The permittee has met the minimum requirements of the R645 Coal Rules. This amendment is recommended for approval.