



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

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October 17, 2002

Kenneth E. May, Mine Manager
 SUFCO Mine
 397 South 800 West
 Salina, Utah 84654

Re: Approval of Truck Loader Bin Amendment, Canyon Fuel Company, LLC., SUFCO Mine, C/041/002-02F, Outgoing File

The above-referenced amendment is approved effective October 16, 2002. A stamped incorporated copy is enclosed 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

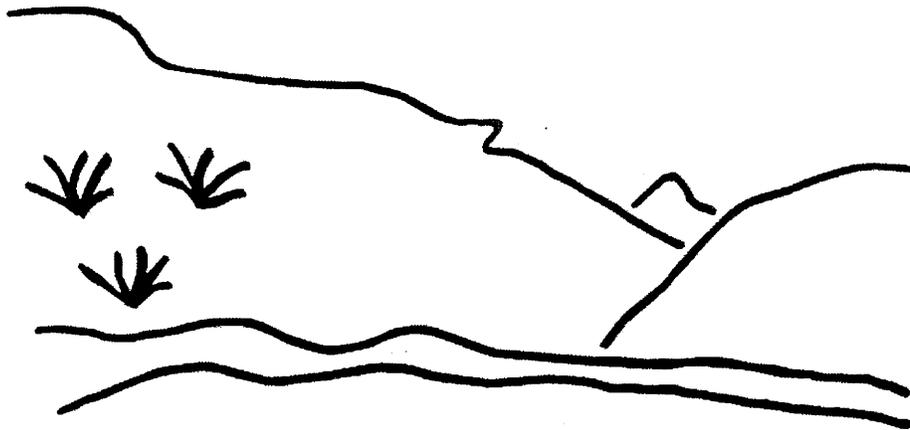
SJD/sd

Enclosure:

cc: Ranvir Singh, OSM
 Pat Gubbins, BLM
 Elaine Zieroth, USFS
 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

SUFCO Mine
Truck Loader Bin
C/041/002-02F
Technical Analysis
October 16, 2002

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TECHNICAL ANALYSIS

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.

INTRODUCTION

INTRODUCTION

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.

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October 16, 2002

INTRODUCTION

OPERATION PLAN

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.

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

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.

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.