

# TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

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March 12, 2007

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TO: Internal File

THRU: Wayne Western, Engineer/Team Lead *WYW*  
D. Wayne Hedberg, Permit Supervisor *DWH*

FROM: Karl R. Houskeeper, Environmental Scientist III *KRH by an*

RE: Midterm Permit Review, Canyon Fuel Company, LLC, Banning Siding Loadout, C/007/0034, Task ID #2760

**SUMMARY:**

Midterm Permit Review (2006) of the Engineering Section for the Banning Siding Loadout Canyon Fuel Company, LLC. C/007/034.

**TECHNICAL MEMO**

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**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 Banning Loadout went into "...temporary cessation since approximately May 5, 2000...", according to an OSM oversight inspection dated April 14, 2003 by Henry Austin.

Several structures and facilities have been removed from the Banning Loadout site. The text contained in Section R645-301-526.110 has not been updated to reflect the current status of the facilities.

Table 5-1 referred to in Section R645 -301-526.110 has been updated in this amendment to show the removal of structures at the Banning Loadout facilities.

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**RELOCATION OR USE OF PUBLIC ROADS**

Regulatory Reference: 30 CFR 784.18; R645-301-521, -301-526.

**Analysis:**

The haulage road parallels U.S. highway 50-6 for approximately 1200 feet, then turns toward the permit area. Portions of this haulage road lie within 100 feet of U.S. 50-6. The Haulage/Access road connects to U.S. Highway 50-6 at a perpendicular intersection and is used as an ingress and egress to the site. U.S. Highway 50-6 is the only public road within 100 feet of the permit area. The portion of the permit area within the 100 foot designation is the Haulage/Access road. The facilities area is not located within 100 feet of U.S. 50-6.

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**SUBSIDENCE CONTROL PLAN**

Regulatory Reference: 30 CFR 784.20, 817.121, 817.122; R645-301-521, -301-525, -301-724.

**Analysis:**

**Subsidence Control Plan**

There is no underground mining at this site. The site is a surface loadout facility.

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**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:**

**Road Classification System**

All of the roads at the Banning Loadout site are classified as Primary Roads.

**Plans and Drawings**

Exhibit 5-7 shows the designs of the roads with in the permit area. Two typical cross sections are given.

**Primary Road Certification**

Exhibit 5-7 is P.E. Certified, Stamped and Dated.

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**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**SUPPORT FACILITIES AND UTILITY INSTALLATIONS**

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

**Analysis:**

A post mining land use change has been reviewed and approved by the Division to allow the substation to remain in place for use by Eastcarbonics to develop a CO2 plant adjacent to the permit area

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**SIGNS AND MARKERS**

Regulatory Reference: 30 CFR Sec. 817.11; R645-301-521.

**Analysis:**

Mine ID signs will be posted at each point of public access. Perimeter posts or rods will be placed around the permit area with red reflectors on top of the posts or rods.

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**USE OF EXPLOSIVES**

Regulatory Reference: 30 CFR Sec. 817.61, 817.62, 817.64, 817.66, 817.67, 817.68; R645-301-524.

**Analysis:**

No explosives will be stored on site and the need to use explosives on site is not anticipated. If the use of explosives is needed the plan indicates they will be transported in and the appropriate laws and regulations will be followed.

**Findings:**

Information provided in the mining and reclamation plan meets 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**

Several structures at the Banning Loadout facility have been removed. The Surface Facilities map Exhibit 5-2 has been updated as part of this amendment to show the current structures on the map.

**Findings:**

Information provided in the mining and reclamation plan meets the minimum requirements of this section.

**RECOMMENDATIONS:**

The midterm permit review should be approved.