

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

June 29, 2006

TO: Internal File

THRU: Pam Grubaugh-Littig, Permit Supervisor

FROM: Jerriann Ernstsens, Ph. D., Environmental Specialist, Biologist, Team Lead

RE: Plate 3-1E Reference Area, Task No.2532, Canyon Fuel Company, Dugout Canyon, C0070039

SUMMARY:

The Division received an amendment that includes a revised reference area map for the Dugout Canyon Mine MRP.

Although the Permittee intended the map to be placed only in Vol. 2, the Division will place a copy in Vol. Methane Degasification Amendment; Vol. Refuse Pile Amendment; and Vol. Dugout Canon Mine – Leach Field Addendum A-1. One for each of these “stand-alones” will assist in future vegetation reviews.

TECHNICAL ANALYSIS:

GENERAL CONTENTS

PERMIT APPLICATION FORMAT AND CONTENTS

Regulatory Reference: 30 CFR 777.11; R645-301-120.

Analysis:

The MRP meets the requirements of R645-301-121.100 and R645-301-121.200 for the biology chapter and archeology section because the information is generally current, clear, and concise.

The MRP includes many different volumes, including the following “stand-alone” volumes (as of September 2005):

- “Dugout Canon Mine – Leach Field Addendum A-1” (LFA, March 2001)
- “Refuse Pile Amendment – Dugout Canyon Mine” (RPA, January 2003)
- “Methane Degasification Amendment” (MDA, 2003/2004).

The “stand-alone” volumes provide exclusive information, supporting documents, and maps for each proposed project.

Findings

Information provided in the plan meets the minimum Permit Application Format and Contents in General Contents requirements of the regulations.

ENVIRONMENTAL RESOURCE INFORMATION

Regulatory Reference: Pub. L 95-87 Sections 507(b), 508(a), and 516(b); 30 CFR 783., et. al.

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION_[Sheila Mo1]

Regulatory Reference: 30 CFR 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

Vegetation Reference Area Maps_[Sheila Mo2]

The MRP meets the requirements of R645-301-323.100 because the project vegetation maps illustrate community types within the disturbed area and the reference areas for the mine (Vol. 2, Ch. 3, Fig. 3-1 and 3-1E; Vol. Methane Degasification Amendment, Fig. 3-1, Fig. 3-1E, and 3-2; Vol. Refuse Pile Amendment, Fig. 3-1 and Fig. 3-1E; Vol. Dugout Canon Mine – Leach Field Addendum A-1). Although the Permittee intended the map to be placed only in Vol. 2, the Division will place a copy in Vol. Methane Degasification Amendment; Vol. Refuse Pile Amendment; and Vol. Dugout Canon Mine – Leach Field Addendum A-1. One for each of these “stand-alones” will assist in future vegetation reviews.

Findings:

Information provided in the plan meets the minimum Environmental - Maps, Plans, and Cross Section Resource Information requirements of the regulations.

RECOMMENDATIONS:

Approve the amendment.