

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

September 30, 2008

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 10/6/08*

FROM: Priscilla W. Burton, CPSSc, Environmental Scientist III *PWB by an*

RE: Waste Analysis Lab Data, Canyon Fuel Company, Dugout Canyon Mine, C/007/0039, Task ID #3045

SUMMARY:

Supplemental information for Attachment 5-4 of the Dugout Mine MRP was received on September 11, 2008. The information includes sampling conducted in 2007 and 2008, and supplemental information for the December 2006 waste sample as suggested under Task 2928.

The plan indicates that for one grab sample will be taken for every ton (5,000 yd³) hauled to the waste rock site. The analytical parameters are described in section 536.200 of the Waste Rock Amendment Volume. These samples were analyzed by Inter-Mountain Laboratories in Sheridan, WY .

All samples were non-acid/toxic forming. All samples were alkaline in pH and saline. Texture of the material was equally divided between sandy loam and loamy sand.

RECOMMENDATIONS:

The application is recommended for approval. There is no change to the Master Technical Analysis with this amendment.