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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

December 10, 1991

Mr. Dan Guy, Manager
Mountain Coal Company
P.O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

Re: Denial of Response to Division Order for Refuse Pile Drainage Plans, Mountain Coal Company, C. V. Spur Coal Processing and Loadout Facility, ACT/007/022-DO-91B, Folder #3, Carbon County, Utah

Mountain Coal Company's submittal of November 15, 1991 has been reviewed and found inadequate. The attached memo outlines all of the deficiencies. Please resubmit all of the required information to make the drainage plans complete and technically adequate by December 20, 1991.

Sincerely,

A handwritten signature in cursive script, reading "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

PGL/jbe
Enclosure
cc: Ken Wyatt



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December 10, 1991

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Ken Wyatt, Reclamation Hydrologist *KW*

RE: Response to Division Order #DO-91B, Refuse Pile Drainage Plans, Mountain Coal Company, C.V. Spur Mine, ACT007022, Folder #3, Carbon County, Utah

SYNOPSIS

On November 15, 1991, the Division received a response to Division Order DO-91B from Mountain Coal Company (MCC). The Division Order requested the following information be submitted:

Diversions Design

746.212 Submit in PAP format:

- 1) Calculations for all refuse pile diversions.
- 2) Revised Plate 3-2 showing each diversion and protective berm relating to the active refuse pile.

Maps and Cross Sections

512.120

512.230

Submit in PAP format:

- 1) Revised plates 3-2 and 3-2 and depict the current refuse pile area and base.
- 2) Revise and certify plate 3-3 showing current cross section refuse pile stations A to A'.

The following is a review of the information submitted.

ANALYSIS

Three plates and numerous PAP pages were submitted as MCC's response. Plate 3-2 was revised to show all refuse pile diversions and culverts. The calculations were derived from a combination of pages recently submitted and ones already available in the PAP.

The unnamed diversion west of diversion CD-9 was named CD-8A. Review of the literature submitted does include the calculations for the active refuse pile diversions.

PLATE 3-2

The label for Collection Ditch CD-13 is misplaced. The label should be placed on the ditch and not the berm on top of the refuse pile.

PLATE 3-3

Plate 3-3 is missing a North indicator arrow.

PLATE 3-3B

No cross section design for the berm on top of the refuse pile was submitted. A typical berm cross section should be supplied on plate 3-3B.

PLATE 7-5

The Collection Ditch table on Plate 7-5 needs the addition of Collection Ditch CD-13.

PAP TEXT

The text submitted in this response contains several errors.

Page 7-87d: The text references figure 7-7. Shouldn't this be Figure 7-8? Also, the design storm event listed in part 1 should read 100 year-6 hour precipitation event; not 100 year-26 hour precipitation event.

Page 7-87e: Table 7-29 enumerates design details for the refuse pile drainage. The culvert off of the refuse pile is listed as C-2. Shouldn't this be C-22?

Page 3
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Page 7-88a: Table 25 gives Culvert Designs for the entire area. According to Plate 3-2, Surface Facilities and Operations, culvert C-13A is located just south of area 1c where CD-6 crosses the access road. It is shown on the Plate 3-2 but not included on the design table. Plate 3-2 shows an unnamed culvert southwest of the soil stockpiles where ditch CD-1 crosses the access road to the soil stockpiles. These two culverts need to be incorporated into table 7-25.

RECOMMENDATION

I recommend that this submittal not be approved until the above noted problems are corrected and resubmitted.

kw
A:\CVSPUR