



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

January 27, 1993

Mr. Robert H. Hagen, Director
Albuquerque Field Office
Office of Surface Mining
505 Marquette N. W., Suite 1200
Albuquerque, New Mexico 87102

Dear Mr. Hagen:

Re: Additional Information on Impoundment at Emery Deep Mine, Response to TDN 92-020-370-004, TV 1, Consolidation Coal Company, ACT/015/015, Folder #5, Emery County, Utah

This letter is written in regard to your January 21, 1993, reply to the Division's response to TDN 92-020-370-004. Your letter disagreed with the Division calling the impoundment area a natural depression. You further state that field review and the current approved maps of the area indicate that there is a constructed embankment along the creek.

There appears to be some misconceptions with regard to the impoundment area which was the subject of the TDN which need to be clarified. It can easily be understood how AFO could mistake the structure shown on the maps as an embankment, however with further investigation it can also be shown that the structure is not an embankment. The current approved maps refer to it as a drainage control berm or improved dike. The "so called" embankment is there to keep Quitchupah creek from over-running the mine area rather than for impounding water. Please refer to the enclosed map and cross-section which shows that the designed peak pool elevation of the impoundment is below the constructed dike as well as below the high water level of Quitchupah creek.

Regardless of the function of the "drainage control berm", Consolidation Coal Company is required by Division Order to submit appropriate designs and certification of the area in question. Be assured that the Division's technical staff will insure that the so called impoundment will meet the required performance standards and regulations.

Please call if you have further questions or concerns.

Sincerely

Lowell P. Braxton
Acting Director

Attachments

cc: S. Demczak, PFO
D. Haddock
HAGEEMBA.EME

PERMANENT DEVELOPMENT
WASTE DISPOSAL SITE

5986.4
x

SCALE: 1" = 100'

5988.2
x

5975

5990

35

5920

36

x 5924.8

SECTION 1

A

x 5921.1

35

12

11

19

6

22

37

14

27

38

x 5920.7

CATCH BASIN
"A"

PROPOSED EXCESS SITE
MATERIAL DISPOSAL SITE

SECTION 2

36

5935

5930

5925

5920

6020.6
x

EXISTING DRAINAGE CONTOUR BERM

PLAN VIEW

MINE YARD

CATCH BASIN "A"

MINE: EMERY-PERMIT ACT 015/015

SCALE: 1" = 100'

DATE: 7/90

Fig. VI-38

CROSS SECTION A-A
MINE YARD CATCH BASIN "A"

PERMIT ACT 015 / 015

MINE EMERY

DESIGNED BY: C.D.P. DATE: 7/90

DRAWN BY: A.B.B. FIG. VI-39

