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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 19, 1986

Mr. Nick Newmann
Consolidation Coal Company
12755 Olive
St. Louis, MO 63141

Dear Mr. Newman:

Re: Soil Reconstruction Plans for Prime Farmlands,
Consolidation Coal Company, Emery Deep Mine, ACT/015/015,
Folder No. 2, Emery County, Utah

As per our telephone conversation February 7, 1986. I am submitting the enclosed soil resource comments from the U. S. Soil Conservation Service (SCS). As you recall the SCS has reviewed Consolidation Coal Company's soil reconstruction plans for prime farmlands. Most if not all of these concerns are superficial in nature and would not require a substantial permit resubmittal to alleviate the problems. All comments from Consolidation Coal Company should be addressed and amended in a format that can readily be placed, page for page, within the existing Emery Deep permit. If I can be of further assistance please contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read 'James S. Leatherwood'.

James S. Leatherwood
Reclamation Soils Specialist

jvb
0686R-1

FILE COPY



United States
Department of
Agriculture

Soil
Conservation
Service

P. O. Box 11350
Salt Lake City, UT 84147

File ACT/015/015
Folder # 2, 4

June 25, 1985

Susan C. Linner, Reclamation Biologist
Permit Supervisor
State Of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

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JUN 27 1985

DIVISION OF OIL
GAS & MINING

Dear Ms. Linner:

Mr. Keith Beardall, U.S. Soil Conservation Service, Price, Utah has completed his review of the soil reconstruction plans (submitted by Consolidation Coal Company for prime farmlands within the Emery Deep Mine's permit area) as you requested May 10, 1985.

The comments for your consideration are as follows:

1. The crop yield information shown in Table 8-1, page 8-56 does not show soil slope while information given in Table 8-3, page 8-60 is related to slope. A crop yield is generally related to map units; slope is a part of the map unit.
2. In Table 8-6, page 8-69 the Saltair soil is strongly saline and is rated poor because of salinity. Compare to Table 8-8, page 8-83: Saltair soil is very strongly saline, the available water capacity should be rated as poor or low. The salinity reduces the amount of water available for plant use.
3. On page 8-71, paragraph 3: Saltair soils should also be listed as "poor/unsuitable in one or more horizons because of salinity".
4. Page 8-71 - Any saline soil would have low available water capacity. Available water capacity may be a limiting factor for some of the soils recommended. (See Table 8-8).

We are returning the associated plan for your files. If we can be of further assistance please call on us.

Ferris Allgood

FERRIS P. ALLGOOD
State Soil Scientist

Frank Holt
STATE
CONSERVATIONIST



The Soil Conservation Service
is an agency of the
Department of Agriculture