

0012



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 10, 2000

Dan Meadors, General Manager
Canyon Fuel Company, LLC
HC 35 Box 380
Helper, Utah 84526

Re: Approval of Replacement of Swale SW-2, Canyon Fuel Company, LLC, Skyline Mine, ACT/007/005-AM00A, Outgoing File

Dear Mr. Meadors :

The above-referenced amendment is hereby approved. A stamped approved copy is enclosed for incorporation into your Mining and Reclamation Plan. A copy of our technical memo is also enclosed for your information.

If you have any question, please call (801) 538-5325.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock
Permit Supervisor

drh/sm

Enclosure:

cc: Joe Wilcox, OSM
Richard Manus, BLM
Elaine Zieroth, USFS (2 copies)
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Derris Jones, DWR w/o
Price Field Office

O:\007005.SKY\FINAL\App00A.wpd



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 10, 2000

TO: Internal File

FROM: Michael Suflita, Reclamation Hydrologist & Project Lead *MS*

RE: Replacement of Swale SW-2, Canyon Fuel Company, LLC, Skyline Mine, ACT/007/005-AM00A

SUMMARY:

On June 1, 2000 the Division received an amendment proposing to replace swale SW-2 with three, 18-inch culverts. The Division sent a response on June 19, 2000 and received a second submittal on July 17, 2000. This Technical Memo is a review of that latest submittal. There are no deficiencies resulting from this review and the amendment can be approved.

TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: R645-300-730

Analysis:

The location of the proposed change is at the upper entrance to the mine, about 30 feet from the main highway. The swale has been broken due to weather and traffic. This results in difficulty when vehicles enter the minesite. The amendment is to replace the concrete swale with three 18-inch culverts. The inlet to the culverts would be a concrete box catching surface runoff and directing it into the culverts. The concept looks workable. The drainage areas and resulting runoff are derived from the original submittal, Section 6 of Volume 5. The design storm remains unchanged and the two drainage area flows are added to determine the culvert size and capacity. The Manning n shown is appropriate for a corrugated metal culvert that is to be used.

TECHNICAL MEMO

Dwg. 3.2.1-1 Mine Surface Facilities, Plot Plan has updated to show SW-2 removed and culverts in its place.

Findings:

The submittal meets minimum regulatory requirements.

RECOMMENDATION

The submittal can be approved in its present form.