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

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June 26, 2000

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

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

Dear Mr. Meadors:

The above-referenced amendment has been reviewed and there are deficiencies that must be adequately addressed prior to approval. A copy of our technical analysis is enclosed for your information. Please respond to these deficiencies by September 25, 2000 or the Division will return your application.

If you have any questions, please feel free to call Mike Suflita at (801) 538-5259, or me at (801) 538-5268.

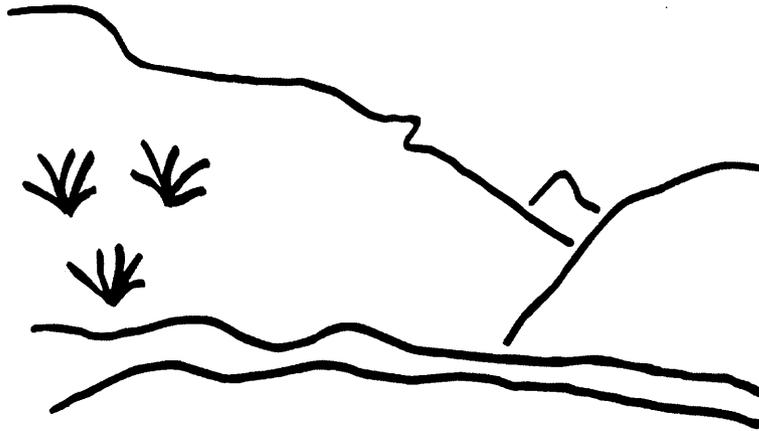
Sincerely,

A handwritten signature in black ink, appearing to read 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig
Permit Supervisor

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Enclosure:
cc: Price Field Office
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State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Skyline Mine
Replacement of Swale SW-2 Amendment
ACT/007/005 - AM00A
Technical Analysis
June 19, 2000

INTRODUCTION

INTRODUCTION

On June 1, 2000 the Division received an amendment proposing to replace swale SW-2 with three, 18-inch culverts. This Technical Memo is a review of that request. There are deficiencies resulting from the review.

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Diversions

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, however, the amendment does not comment on what type of culvert is to be used. That will need to be provided.

There are a couple of additional corrections needed. Dwg. 3.2.1-1 Mine Surface Facilities, Plot Plan will need to be updated to show SW-2 removed and culverts in its place. The drawings will need to be darkened, especially the page numbers, so they can be read. No outlet for the culverts is shown. This will have to be shown. Page 3d needs a title to explain what the drawing depicts.

Findings:

In its present form the submittal does not meet minimum regulatory requirements. Accordingly, the Permittee must address those deficiencies found within this Technical Analysis and provide the following, prior to approval, in accordance with the requirements of:

R645-301-730, designation of what type of culvert pipe will be used, a revised Dwg. 3.2.1-1, darkened pages, description of the culvert outlet works, and a title on page 3d.

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