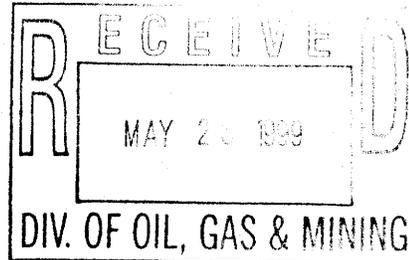


Mountain Coal Company
West Elk Mine
Post Office Box 591
Somerset, Colorado 81434
Telephone 303 929-5015



Ms. Pamela Grubaugh - Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801



Re: Channel Sections/Calculations
Gordon Creek No. 2/7/8 Mines
ACT/007/016 #2
Carbon County, Utah

Copy Joe

Dear Pam:

Enclosed are 3 copies of the cross sections and flow calculations for the access trail crossings at the Gordon Creek No. 2/7/8 Mines. These were requested by Joe Helfrich and Dave Darby.

It should be noted that the channels all show to be more than adequate to carry runoff from a 100 year - 6 hour event, even though only SD-6 is required to carry the 100 year storm. The flows were taken from the Earthfax calculations in Appendix 7-1 of the M.R.P., as were the Manning's Numbers. Bottom width, side slopes and ditch slopes were taken from actual field measurements.

If you have any questions, or need additional information, please let me know.

Respectfully,

Dan W. Guy, P.E.
President

cc: Chris Hansen
File