Melvin A. Coonrod
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

August 27, 1983

Army Corp of Engineers
Robert Kramer
8402 Federal Building
125 South State Street
Salt Lake City, Utah 84114

REF: Phone conversation of Aug 24,1983
Co-Op Mine Bear Creek - 404 Permit Application

Dear Robert:

Attached is a copy of the Co-Op Mining Company Application to the State for a 93-R Permit. It appeared that the majority of the information we discussed was included here-in. The estimate of average stream flow of 1.5 cfs is mine, based on the last three months data. I would appreciate your estimate as to what is a realistic average on the creek based on the data I am sending.

The Utah Division of Oil, Gas, & Mining has indicated that we need a permit from the Utah Dept. of Health, however, in discussing what we are proposing, they indicated a 404 permit was the necessary document to allow them to "write off" on the culvert. After you have reviewed the data, would you please advise me if you require any additional material?

Needless to say, I appreciate your assistance in clearing up this situation. If I can be of any assistance, please call me at 801 653-2606.

Thank you,

Melvin A. Coonrod

MC/nc

Attachment

APPENDIX B

COMMERCIAL TESTING & ENGINEERING CO.

SINCE 1908

Reply to
Instrumental Analysis Division
490 Orchard Street
Golden, CO 80401

July 22, 1983

Phone: 303-278-9521

Mr. Jack Blair
CT & E Co.
224 South Carbon Ave.
Price, Utah 84501

CO-OP MINING COMPANY
Pond Sample
Lab No. 57-13312

Re: IAD # 97-M179-335-01

Analytical Report

One coal sample was received for analysis on July 12, 1983. This sample was assigned our IAD identification # 97-M179-335-01.

The sample was prepared to No.10 mesh size in accordance with the procedure of U.S.D.A. Handbook #60. Electrical Conductivity and pH were determined in accordance with the same publication.

Acid/Base Potential was determined in accordance with the procedure of the Environmental Protection Agency,EPA-670/2-74-070. This procedure is used for the Wyoming DEQ and in telephone conversation with the Utah Division of Oil, Gas & Mining we were advised that this procedure is acceptable for the requirements of the State of Utah.

The results of these determinations are presented in Table No.I and are reported in units as indicated in the Table.

Table No. I

Parameter	57-13312
pH,paste (Standard Units)	7.6
Electrical Conductivity (µmhos/cm)	195
Acidity Potential*	0
Neutralization Potential*	29.8
Acid/Base Potential*	29.8

*Values are reported in Tons $CaCO_3$ Equivalent / 1000 Tons.

Texture determination was not performed as the sample is carbolithic and thus the determination of Sand, Silt and Clay fractions is not applicable in this case.

If you have any questions concerning these results, please call.

Harold A. Connell
Harold A. Connell
Assistant Lab Manager

Robert L. Taylor
R.L. Taylor, Ph.D., Manager 22 Jul 83
Instrumental Analysis Division

ginal Copy Watermarked
For Your Protection