

Governor



James O. Mason, M.D., Dr.P.H.
Executive Director
801-533-6111

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DIVISION OF ENVIRONMENTAL HEALTH

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110

Alvin E. Rickers, Director
Room 426 801-533-6121

533-6146

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Room 426 801-533-6121

SEP 8 1981
LCS

E.B. Faust, Chief Engineer
Valley Camp of Utah
Scofield Route
Helper, UT 84526

RE: Mine Drainage Pond

Dear Mr. Faust:

We have reviewed the Valley Camp July 24 1981 letter and drawing No. 01-0036. We find that this proposal does not satisfy our requirements for wastewater treatment.

There is insufficient information presented to guarantee continuous operation of the system. The April 22, 1981 TSS grab sample of 154 mg/l and the second quarter BOD values of 16-40 mg/l indicate additional design improvements may be needed. Therefore improved drawings and information must be supplied which indicate the following:

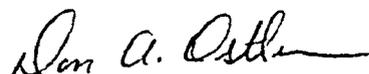
1. Source of BOD.
2. Three feet minimum settling depth.
3. Two feet minimum freeboard.
4. Oil skimming other than rock filter.
5. Provisions for meeting effluent standards during cleaning.

The proposed system cannot be accepted as a filter unless test data is supplied to show influent quality, satisfactory filter construction, filter rates, cleaning provisions and effluent quality. Please note that impervious dikes and increased detention times are the typical methods for providing treatment of mine drainage.

Mr. E. B. Faust
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If you have any questions regarding these requirements
please contact Steven McNeal at 533-6146.

Sincerely,



Don A. Ostler, P.E., Chief
Engineering and Construction Grants
Bureau of Water Pollution Control

SRM:drb

cc: Oil, Gas & Mining
EPA - Denver, Enforcement