



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 29, 1983

Mr. Allen D. Klein  
Center Administrator  
Office of Surface Mining  
Brooks Towers  
1020 15th Street  
Denver, Colorado 80202

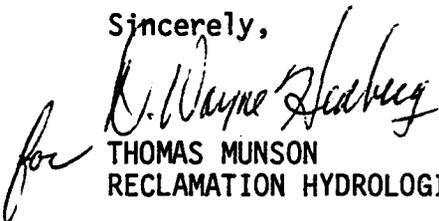
RE: Valley Camp of Utah  
Belina Mine  
Mine Water Discharge Pond Plans  
ACT/007/001  
File Folder No. 3

Dear Mr. Klein:

Enclosed are the revised plans for the Belina Mine Water Discharge Pond. We have approved their plans in conjunction with State Health and are forwarding a copy of their plans on to you.

If you have any questions please give us a call.

Sincerely,

*for*   
THOMAS MUNSON  
RECLAMATION HYDROLOGIST

TM/gb

Enclosure

# VALLEY CAMP OF UTAH, INC.

Scofield Route  
Helper, Utah 84526

16 June 1983

RECEIVED  
DIVISION OF OIL, GAS AND MINING  
JUN 16 1983

Mr. James W. Smith, Jr.  
Coordinator of Mined Land Development  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Modification of Belina  
Mine Water Filter Pond

Dear Mr. Smith:

As part of remedial action required for abatement of Notice of Violation No. N82-1-9-2, part 2 of 2, we were required to reconstruct the filter pond at the Belina Complex. After considerable efforts were exhausted in correspondence and plan submittal to both your office and the Utah State Health Department, we received permission to proceed with the reconstruction on September 1, 1982.

Such remedial action was to have been completed on the pond by July 1, 1983. This particular date was the result of extensions given to Valley Camp due to circumstances which prevented earlier compliance, and which were discussed in correspondence of September 16, 1982, and October 4, 1982. The primary cause for non-compliance was due to an unusual amount of snow in October, and the subsequent early winter.

At that time, we had attempted compliance, but were forced to abandon the efforts of modification and assumed we would have time to finish the project early in the spring of this year.

Again, we have been frustrated by the weather. Due to the extended winter conditions and the large amount of snowfall, which is yet present at the minesite, and which has contributed to an extraordinary amount of

ground water, we have been unable to resume work on this project up to this time.

As a result of anticipated further delays because of weather conditions, we would appreciate an extension of time on this project, and propose an entirely new design for the mine water filter pond.

Attached you will find three (3) sets of plans for a proposed new filter pond. This facility, as shown, would be a concrete reinforced, four (4) stage, filtration unit and would be located at the same site as the existing pond.

This facility will provide for 7.854 hours of retention, based upon a 250 GPM combined inflow rate (both mines) and filtered effluent capacity of .557 cu. ft./sec.

An oil skimmer will be located in each filter tank and maximum water level in each tank will provide a one (1) foot freeboard in the facility. In addition, the outside berms will provide for an additional two (2) foot containment depth.

Filtration will be provided by four (4) filter beds comprised of combinations of gravel, coke breeze, sand and railroad ballast. Additionally, sediment control will be enhanced by the use of adjustable energy dissipators and baffles in the inlet end of the facility.

Final effluent flow will be measured by utilization of a Parshall Flume or similar feature.

In examining the potential effectiveness and longevity of the previously proposed pond revision and that of the enclosed facility, along with the possible problems of leakage associated with a compacted earth installation, we feel as though this new proposal will provide for ensured compliance of effluent standards for the life of the operation.

The enclosed plans have already been issued for bid, with the bid opening scheduled for June 30, 1983. Work on this new facility could begin as early as July 1, 1983, and should be completed by August 22, 1983.

In consideration of the advantages to be gained through installation of a permanent facility of this type, and the existing water conditions which will surely generate installation problems for the previously proposed unit,

Mr. James W. Smith, Jr.  
16 June 1983  
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I respectfully request an extension to the abatement deadline until August 22, 1983, and approval for installation of the proposed concrete facility.

If you have questions concerning the design or our intent, please feel free to contact me.

Sincerely,



T. G. Whiteside  
Chief Engineer

Attachments

Copies to: Utah State Health Department, w/attachment  
Mr. Joe Helfrich, DOGM, w/o attachment