

DEPARTMENT OF HEALTH

DIVISION OF ENVIRONMENTAL HEALTH

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File ACT/007/006  
Copy to Wayne  
Jim



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May 22, 1981  
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DIVISIONS

Community Health Services  
Environmental Health  
Family Health Services  
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Policy Development  
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Mr. John Rosner  
Plateau Mining  
Drawer PMC  
Price, UT 84501

RECEIVED

MAY 27 1981

DIVISION OF  
OIL, GAS & MINING

Re: Improvements to Drinking Water  
System at Star Point #2 Mine

Dear Mr. Rosner:

This letter will serve to confirm our conversation of May 14, 1981.

It is our belief that it is not necessary to replace the existing culinary water storage tanks. We believe that the shortcomings of these tanks (i.e. no access and no interior coat) will not significantly threaten the sanitary quality of your drinking water.

We also believe that the current high cycling rate of your pump will not threaten the sanitary quality of your drinking water. Thus, we would not require that a correction be made in this regard.

Although we will not require the changes described above, we do believe that good engineering practice dictates that you eventually make the improvements.

Before final approval can be given, a copy of your legal right to use of the water must be submitted to this office.

One other area of concern we have is the carrying capacity of the 2" pipe from the hydropneumatic tanks to the points of use. Our calculations, based on the fixture unit method of the Utah Plumbing Code, indicate that this pipe, with the current pump, will be incapable of meeting the "peak instantaneous demand" of the system. We understand, however, that you have had no difficulty in meeting demands during your peak periods of use.

Your engineer indicated that you are about to take measurements during peak flow periods. Such measurements should include flow rate and pressure in the pipe from the hydropneumatic tanks. If these measurements confirm that the peak instantaneous demand can be met, and pressures are at least 20 psi, there will be no need to upgrade the 2" pipe. However, if this is not the case, this line will have to be improved.

We point out that this system was evidently constructed by the mine's previous owner prior to formal approval from this office. This is a violation of Utah's Public Drinking Water Regulations. It is necessary that plans and specifications for any public water supply project be formally reviewed and approved by this office prior to construction. Fortunately, it appears that extensive modifications of the system will not be necessary.

Sincerely,



Tim A. Pine, P.E.  
Public Health Engineer  
Bureau of Public Water Supplies

TAP:vlb

cc: Southeastern District Health Department  
Vaughn Hansen Associates, Marvin Allen  
Division of Oil, Gas, and Mining, Jim Smith