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BEAVER CREEK Coal Company
P. O. Box AU
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Telephone 801 637-5050



April 7, 1982

Mr. Ken Wyatt
Division of Oil, Gas & Mining
Dept. of Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: HUNTINGTON CANYON #4 MINE
Drainfield

Dear Ken:

As per your request, I have inspected the #4 Mine drainfield. Neither surface water nor sewage odor were evident during my visit, indicating that the field was not plugged or overloaded. Some holes were noted on the field, but I attribute these to small animal burrowings instead of subsidence within the field.

Based on my observations and Dave Meyer's description of the ground conditions at the time of your inspection, I offer the following explanation for the water and sewage odor you noted:

I DON'T PARTICULARLY BELIEVE THESE REASONS (1) There were tire tracks from heavy equipment, (2) possibly a front end loader in the area where ponding had occurred. (3) See slides in slide file dated April 7, 1982. could have damaged the pipes.

The sewage water gives off heat and melts the snow above the field causing puddling.

Extreme freezing conditions had frozen the ground around the field to a greater depth than the trenches (about 3').

The ground became saturated from the confined condition of the field, and the frozen conditions around the field discouraged percolation. This allowed the field to fill nearer the surface where the odor escaped through various holes and cracks. There is no evidence that sewage water ever reached the surface in the field.

II) IF sewage water gives off heat and melts snow, wouldn't that prevent the ground from freezing below and around the drainfield pipes?
It is my opinion that the drainfield is functioning properly at this time. I will continue to monitor the site, and if problems are noted, they will be corrected.

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

Ken Wyatt
4-12-82

Respectfully,

BEAVER CREEK COAL COMPANY

Dan W. Guy
Dan W. Guy, P.E.
Engineering Manager

RECEIVED

APR 12 1982

DIVISION OF
OIL, GAS & MINING

DWG/daf

cc: T. Parker D. Meyer
C. Chenoweth File