File: ACT/007/011

Scott M. Matheson
Governor

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STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500

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July 30, 1982
533-6146

RECEIVED
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DIVISION OF
OIL, GAS & MINING

Mr. Robert Eccli
Senior Mining Engineer
United States Fuel Company
Hiawatha, Utah 84527

Re: Construction Permit
Absorption Bed
Middle Fork Canyon

Dear Mr. Eccli:

We have reviewed the revised plans and design criteria for the proposed absorption bed for treatment of the Middle Fork Canyon sanitary wastewater to expand the existing absorption field system.

As a result of our review the plans appear to be in substantial conformance with the Utah Wastewater Disposal Regulations and a construction permit as constituted by this letter is hereby issued with the following considerations:

1. The absorption bed will consist of approximately 1800 feet of drain tile placed in the absorption bed of maximum 100 feet length, on 6 foot minimum spacing and interconnected to provide a continuous system. It will operate with the existing absorption field.

2. The percolation rate for the absorption bed is 17.9 minutes/inch the slowest rate of the three tests made. The absorption bed will have a capacity of 6480 gallons/day which added to the absorption field capacity will give a total capacity of 11,000 gallons per day which is 39 gallons/employee/day.

3. Since we are unable to determine if the failure of the existing system is due to a hydraulic overload or the result of plugging in the drainfield soil this expansion could possibly not solve the problem. A totally new system will be needed if the expansion of the system still results in surfacing sewage.

4. During construction, before backfilling the tile area, the construction must be approved by a representative of this office.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE

Calvin K. Sudweeks
Executive Secretary

EHP:db

cc: Gerald Story - Southeast District Health Department

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