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Scott M. Matheson
Governor



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

DIVISIONS

Community Health Services
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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

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

Jim

*File ACT/007/009
Copy letter to Lee & Wayne
Give Regs to Wayne*

March 10, 1981

RECEIVED

MAR 13 1981

DIVISION OF
OIL, GAS & MINING

Mr. James W. Smith, Jr.
Coordinator of Mined Land Development
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Eureka Energy Company
Sage Point-Dugout
Canyon Project
ACT/007/009
Carbon County, Utah

Dear Mr. Smith:

Attached are copies of comments from our Bureau of Water Pollution Control, Bureau of Solid Waste Management, and Bureau of Public Water Supplies regarding the above referenced project.

We assume you will include these comments with yours when you reply to the operator.

Sincerely,

Dennis R. Dalley
Dennis R. Dalley
Associate Deputy Director

enclosure



STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

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

533-6146
February 5, 1981

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

MEMORANDUM

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

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TO: Dennis R. Dalley, Associate Deputy Director
Division of Environmental Health *DRD*

THROUGH: Don A. Ostler, P.E., Chief *DAO*
Engineering & Construction Grants Section
Bureau of Water Pollution Control

FROM: Steven R. McNeal *SRM*
Public Health Engineer
Bureau of Water Pollution Control

SUBJECT: Eureka Energy Company, SMCRA Permit Application

I have reviewed the December 1980 Eureka Company Sage Point-Dugout Canyon Project Surface Mining Control and Reclamation Act Permit Application. This application discusses the conceptual location of a total containment lagoon for sanitary wastes and sediment ponds for each of the mine waste rock and central facility locations.

The locations of these wastewater facilities appear acceptable provided the soil conditions and groundwater conditions meet the requirements of the Utah Wastewater Disposal Regulations. Further information should be submitted so that a construction permit can be issued within a year of the commencement of continuous construction. For the sanitary system the information should include sewerline details, soil conditions to a depth of 4 feet below the lagoon bottom, maximum groundwater level, seepage rate, design parameters, plans, compaction specifications, etc.

Where possible, the sediment ponds should be designed to provide three feet of settling between the sediment level and a baffled outlet. Outlet baffles should not be perforated on the pond side. Soil conditions, seepage rate and compaction specifications will also need to be submitted for the sediment control ponds.

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Scott M. Matheson
Governor



STATE OF UTAH
DEPARTMENT OF HEALTH
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

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

February 3, 1981

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State Health Laboratory*

MEMORANDUM TO: Dennis R. Dalley
FROM: Dale D. Parker, Ph.D.
SUBJECT: Eureka Energy Company - Sage Point, Dugout Canyon

I have reviewed the above referenced project and have the following comments to make.

The handling of solid wastes seems OK, however, in referencing hazardous wastes, a note was made about exclusions and criteria in RCRA. Those may change in the future (see pages 185,186.)

Utah was authorized on December 12, 1980 to conduct its hazardous waste control program in lieu of RCRA, therefore, all regulations in State statutes apply. Utah regulations may, or may not, contain the same exclusions or criteria which are undergoing change in the RCRA laws.

STATE OF UTAH
DEPARTMENT OF HEALTH

Memorandum



TO: Dennis Dalley, Associate Deputy Director
Division of Environmental Health *DD*

THROUGH: Gayle J. Smith, Director *Gayle*
Bureau of Public Water Supplies

FROM: Tim A. Pine, P.E. *TAP*
Public Health Engineer

DATE: January 19, 1981

SUBJECT: Eureka Energy Company
Sage Point - Dugout Canyon Project

The permit application for this project indicates that potable water will be provided to this facility through the use of three treatment plants. 1300 workers will be served by these plants.

Eureka energy should be reminded that plans and specifications for these plants and the entire potable supply system must be reviewed and approved by this Bureau prior to construction. Attached is a copy of our regulations for forwarding to Eureka Energy.

It is mentioned in the application that water from an abandoned mine will initially serve the Dugout Canyon portal for a period of 10-12 years. It appears that chlorination, alone, is the method of treatment proposed for this source. This would be acceptable only if the quality of the mine water, and the design of the collection facilities, will assure adequate raw water quality.

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