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United States Department of the Interior  
OFFICE OF SURFACE MINING  
Reclamation and Enforcement  
[REDACTED]  
DENVER, COLORADO 80202

Brooks Towers  
1020-15th Street

*Full Copy  
Culley Deep  
Mine-Consol*

December 28, 1979

Mr. Ron Daniels/Coordinator of Mine Land Division  
Division of Oil and Gas  
Department of Natural Resources  
1588 N. West Temple  
Salt Lake City, Utah 84116

Dear Ron:

Enclosed please find copies of on-site inspection reports. The inspections were conducted within the State of Utah during the period of November 7, 1979.

If you have any questions or problems, please contact this office.

Sincerely,

Murray T. Smith  
Chief, Division of Inspection & Enforcement

**RECEIVED**

JAN 3 1980

DIVISION OF  
OIL, GAS & MINING

REGION V ON-SITE INSPECTION REPORT  
CONSOLIDATION COAL/KEMMERER COAL  
EMERY DEEP MINE  
P.O. BOX 529  
EMERY, UTAH 84522

DATE: November 7, 1979  
TIME: 10:10 a.m.  
WEATHER: Cool, overcast and dry  
COUNTY AND STATE: Emery County, Utah  
COMPANY OFFICIALS: Ron Thompson and Russ Jensen  
STATE OFFICIALS: Mike Thompson, Joe Helfrich and Doug Stewart  
OSM OFFICIALS: Jim Dederick, Hydrologist, TAAR  
Eileen Doherty, Inspector  
MSHA ID NUMBER: 42-00079  
NOV'S ISSUED: None

GENERAL COMMENTS

This is a joint venture between Consolidation Coal Company, the mine operator, and Kemmerer Coal, the mineral owner. Utah State permit number ACT/015/015 has been issued for this mine. Surface facilities are located in Sec. 33, T22S, R6E.

At the time of this inspection, unusually large amounts of coal were stockpiled around the minesite. This resulted from a six week Rock Island Railroad strike. After crushing, the coal is trucked to the Mohrland loadout and shipped to Kennecott, in Salt Lake City, and also to Nebraska. 500,000 to 600,000 tons are produced per year.

North of the exhaust fan is an old storage area which is being cleared. A local company has contracted to remove all the debris. Completion of this removal is planned for the end of December 1979.

COMPLIANCE WITH INTERIM REGULATIONS

717.11 General Obligations

The permit authorization, dated May 11, 1978, was reviewed during the inspection. NPDES permit number UT-0022616 was available.

717.12 Signs and Markers

The mine identification sign was complete and in place. Buffer Zone signs have been placed along the Christianson Wash, a perennial stream.

717.17 Protection of the Hydrologic System

On August 22, 1979, Tom Suchoski, a Utah State Oil, Gas and Mining inspector, approved the surface and ground-water monitoring plans for Emery Deep with a stipulation that sampling for oil and grease would be done.

The July 1979 to October 1979 monitoring lab report showed a Total Suspended Solids value of under 10 mg/l. The pH of the stream is 8. Above the minesite,

CONSOLIDATION COAL/KEMMERER COAL/EMERY DEEP MINE

717.17 Protection of the Hydrologic System (Continued)

the Christianson Wash is yellow/brown. Quitchitpah Creek is muddy upstream. I informed Ron that each groundwater monitoring report needs to be kept at the mine office for review during inspections.

Mine water is used in the underground operations and then passed to a settling pond. There are two discharge points into Quitchitpah Creek, a perennial stream. One is from the mine water pond, the other is downstream and is from the new pond. The new sediment pond system is a two-cell design and collects surface runoff from the minesite. The operator applied for an inclusion of the second discharge point under the NPDES permit in July 1978. To date, there has been no reply. The operator will get in touch with the Health Department to follow up. There was no water in the two ponds during this inspection. There has been no discharge at the second point.

Portions of the surface facilities area are immediately adjacent to Christianson Wash. A high berm has been built along all banks of the Wash which border the operation. According to State and Company officials, these berms will be seeded this fall. The banks need to be seeded all the way down to the water level. The berm was built up in July and August of 1979 with material excavated for sediment pond construction, as approved by the State.

There is a section of guardrail, by the exhaust fan above the Christianson Wash, under which the earth berm has not been continued. This length of 35 feet is relatively level, but must be bermed to effect complete containment of surface runoff.

717.20 Revegetation

The State has ordered all berms and areas disturbed in pond construction to be seeded this fall. No seeding or reclamation has taken place to date.

SUMMARY

State violations: Seeding of disturbed areas to be done Fall, 1979.  
Piping condition under the north sediment pond intake must be repaired immediately.

  
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EILEEN DOHERTY  
RECLAMATION SPECIALIST