

ACT/015/032
#3

0004

United States
Department of
Agriculture

Forest
Service

Manti-LaSal
National Forest

599 West Price River Dr.
Price, Utah 84501

Reply to: 2820

Date: January 29, 1986

D. Wayne Hedberg
State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Hedberg:

This letter is in regards to Genwal Coal Company's Fall Inventory of Seeps and Springs in the Permit and Adjacent Areas of the Crandall Canyon Mine, November 21, 1985.

We have reviewed the inventory of seeps and springs and have made the following determinations:

1. Genwal Coal Company has tested the identified springs and seeps for flow, pH, specific conductivity, and temperature. Minimum numerical effluent limitations are established in UMC 817.42 for total iron, total manganese, total suspended solids, and pH. This indicates that Genwal Coal Company should test for total iron, total manganese, and total suspended solids in addition to those parameters already being tested. Oil and grease, total dissolved solids, and any other parameters likely to be affected by underground coal mining should be monitored.
2. Genwal Coal Company must continue to monitor Crandall Creek above and below the mine area.
3. Any significant water made in the mine must be investigated to determine its origin. If meteoric, it should be investigated and monitored to determine its structural, stratigraphic or topographic relationships, source and effects to surface resources.
4. Springs within the area likely to be affected by subsidence which have measurable flow in the spring and fall must be continuously monitored.
5. There are no developed springs or seeps on Federal Coal Lease SL-062648, nor in the area of proposed Emergency Federal Coal Lease U-54762.

RECEIVED

FEB - 3 1986

DIVISION
GAS & MINING

6. Quarterly and annual monitoring reports must be sent to the Manti-LaSal National Forest, 599 West Price River Drive, Price, Utah 84501, as well as to the State of Utah, Division of Oil, Gas and Mining.

Sincerely,

A handwritten signature in cursive script, appearing to read "Reed C. Christensen".

for
REED C. CHRISTENSEN
Forest Supervisor