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Governor

STATE OF UTAH

DEPARTMENT OF HEALTH

DIVISION OF ENVIRONMENTAL HEALTH

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March 23, 1981

Mr. Bill Wollen, Manager
Crandall Canyon Mine
Genwall Coal Company, Inc.
P.O. Box 38
Orangeville, UT 84537

Dear Mr. Wollen:

By this letter we hereby issue a construction permit for installing the surface runoff drainage control and sedimentation pond, for the Crandall Canyon underground Coal Mine. The pond will have no less than minimum volume of .1 acre ft. per acre of affected drainage area and should provide adequate detention time for the discharged water to meet applicable State discharge standards, including: suspended solids limitations of 25 mg/l average and 35 mg/l maximum; oil and grease maximum of 10 mg/l; and dissolved metal content that complies with the appropriate Federal discharge, and State Water Quality Standards.

It is our understanding that the pond construction and operation will:

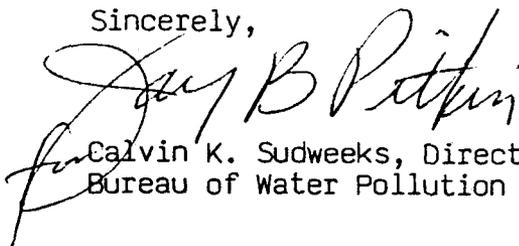
1. Have a volume of 52,100 ft³ at the maximum water elevation.
2. Have inflow stream and outfall discharge areas properly riprapped to prevent erosion.
3. Have a maximum affected area draining to the pond of 8.41 acres.
4. Have all affected areas draining to the sedimentation pond.
5. Include floating solids and oil and grease separation provided at the pond discharge.
6. Provide excess oil and grease collection during low flow and low pond level periods, so discharge of the oil and grease does not occur when the pond does fill.
7. When a discharge occurs have appropriate samples collected according to the NPDES permit.

8. Provide potable water supply and sewage disposal plans to the appropriate agencies and have them approved prior to initiating construction.
9. Assure that drainage to the sedimentation pond will contain no sanitary wastes.

In addition, the pond operation shall allow for periodic clean out of sediments to assure proper available desilting volume; baffles may be required to insure no short circuiting. Prior to use of the pond an operations procedure for periodic cleanout will be submitted to this office.

Also it is understood that if for any reason the final discharge from the sedimentation pond does not meet the effluent requirements of the NPDES permit, under flow conditions of less than the 10 year 24 hour storm, Genwall will immediately proceed to modify and will bear the expense of these modifications to existing facilities to bring them into compliance with the appropriate standards and conditions.

Sincerely,



Calvin K. Sudweeks, Director
Bureau of Water Pollution Control

BLN

cc: EPA - Permits
Emery County 208
Emery County Health Dept.