



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

File

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August 8, 1988

Mr. Andy King
Genwal Coal Company
P.O. Box 1201
Huntington, Utah 84528

Dear Mr. *Andy* King:

RE: Irrigation Program for Steep Slope Reclamation Area, Genwal Coal Company, Crandall Canyon Mine, ACT/015/032, Folder #2, Emery County, Utah

This letter is written as a follow-up to the meeting between yourself, James Leatherwood and I on July 26, 1988 to finalize details of the irrigation system being implemented on the steep slope between the powder magazine pad and the trailer.

As stated by you, two impact-type sprinkler heads are installed that will provide adequate coverage of the area, with water being supplied via an above-ground supply line from the trailer pad area, with water being pumped from a water truck. It was agreed upon that 1/4 to 1/2 inch of water will be applied once every 7 (seven) days, with the schedule being modified under the following conditions:

1. The 7-day period would restart at the end of any precipitation event greater than 0.5 inches,
2. Based on annual inspections by the Division, ground cover is in excess of 80%, the irrigation may be terminated until a subsequent annual inspection shows less that 80% ground cover.

Irrigation is to continue through the growing season (September 30 of each year that ground cover is less than 80%) and will resume by May 15 the following year. Annual inspections for ground cover would occur during the last week of June to the first week of July.

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To assure compliance with the irrigation program, it was determined that Genwal will need to keep an irrigation log on site which documents the date of irrigation and the approximate water application, and the dates of any 0.5 inch or greater precipitation events. Genwal will also need to install a rain gauge on site to document precipitation events greater than 0.5 inches to justify greater than 7-day periods between irrigation dates. The log must be available to the Division's inspector during routine mine inspections.

The Division has appreciated the willingness you have exhibited to design and implement this system. Should you have additional questions or feel that the above summary in not what you agreed to please don't hesitate to call myself or James.

Sincerely,



Lynn Kunzler
Reclamation Biologist

cc: J. Leatherwood
S. Linner
H. Sandbeck
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