



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

October 4, 2000

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DRH*

FROM: David W. Darby, Reclamation Specialist III *[Signature]*

RE: Division Order, Water Monitoring Plan, Genwal Resources, Inc., Crandall Canyon Mine, ACT/015/032 - DO99A-3

SUMMARY:

A Division Order (DO) was sent to Genwal Resources, Inc. on November 23, 1999. It was issued after because Genwal's MRP did not contain a clear and concise description of the of the water monitoring plan. The applicant is required to show all water monitoring locations, monitoring frequency and special parameters associated with each sample location. The applicant should ensure that a operational and reclamation maps are provided in the MRP, which show water monitoring locations.

In the submittal of January 24, 2000 the operator supplied an update of water quality monitoring schedules in Table 7-10. The table identifies all water monitoring stations, their locations, frequency, and UPDES requirements. There was an error, Spring SP1-9 was not identified on the map (Plate 7-8), which needed to be corrected.

The operator submitted a response to the DO deficiency on May 16, 2000. The proposal required additional information, before it could be determined complete.

Another submittal was received on September 8, 2000 addressing the deficiencies in the Division's September 7, deficiency letter.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: R645-301-742, -301-761.

Analysis

The Operator has submitted a complete water monitoring program and accompanying information and map to describe the parameters and constituents and to show the monitoring site locations of the Genwal water monitoring program.

The information submit by the operator is adequate to address the requirements of the Division Order, November 23, 1999.

Findings:

The information submitted to address Division Order DO99A-2 is adequate and complete at this time.

RECOMMENDATIONS:

This information is recommended for approval and insertion into the MRP to define the water monitoring plan.