



**State of Utah**  
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February 5, 1996

TO: File

THRU: Daron Haddock, Permit Supervisor

FROM: Steven M. Johnson, Reclamation Hydrologist 

RE: Midterm Review, Crandall Canyon Mine, Genwal Resources Inc., ACT/015/032, File #2, Emery County, Utah

## SYNOPSIS

A midterm review of the Crandall Canyon Mine, Genwal Resources, Inc., was completed in January 1996. Part of the review included applicable portions of the permit to ensure that the MRP contains commitments for applications of the best technology currently available (BTCA) to prevent additional contributions of suspended solids to stream flow outside the permit area.

## ANALYSIS

### OPERATION PLAN

### HYDROLOGIC INFORMATION

Regulatory Reference: R645-301-730, 740, 750

#### Analysis:

#### **Sediment Control Measures.**

All areas draining to the sediment pond are properly designed under the BTCA to treat runoff. Areas that do not report to the sediment pond are designed using BTCA, however, they are misidentified as small area exemptions (SAE's). According to Technical Directive Tech-003A small area exemptions are areas that are demonstrated to meet effluent limits without treatment by sediment ponds or alternate sediment control measures. By



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definition in the same directive these areas are treated by alternate sediment control measures and should be call alternate sediment control areas (ASCA's).

#### **Siltation Structures: Exemptions.**

There are eight areas listed in the MRP as SAE's. However, none of these areas have been demonstrated to meet applicable water quality standards or effluent limits without treatments by alternate sediment control methods. Therefore, these areas should be removed from the exemptions section.

#### **Findings:**

Genwal has misclassified eight (8) areas as SAE's. These areas must be reclassified as ASCA according to Tech-003A.

#### **RECOMMENDATION**

Genwal must reclassify all areas not reporting to the sediment pond. These areas should be listed as alternate sediment control areas.

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