

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

April 26, 2004

TO: Internal File

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Steve Fluke, Reclamation Hydrogeologist *SMB*

RE: 2001, First Quarter Water Monitoring, Genwal Resources, Inc.,
Crandall Canyon Mine, C/015/0032-WQ01-1, Task ID #1265

1. Was data submitted for all of the MRP required sites? YES [] NO [X]

No access was reported for Indian Creek and all spring sites except for SP-30 and SP-36 due to snow and ice from early spring conditions. No data was submitted to the DOGM database for well MW-8. The well has been reported as not accessible following this quarter through 2003.

2. On what date does the MRP require a five-year resampling of baseline water data.

Resampling due date.

Sampling and analyses for baseline parameters (Tables 7-5 and 7-9 in the MRP) are to be performed during low-flow (fourth quarter) in 1990, 1995, 2000, and at five-year intervals thereafter until the surety bond is released. No baseline resampling data for 2000 has been submitted to the database. Gary Gray stated that the baseline resampling was conducted in 2000 but has not been input to the database. He plans to find and input the data. The next baseline resampling is scheduled for 2005.

3. Were all required parameters reported for each site? YES [] NO [X]

Blind Canyon: no dissolved oxygen reported.

Horse Canyon: no flow reported.

Upper Crandall Flume: no dissolved oxygen reported.

Well MW-7: missing field parameters.

4. Were irregularities found in the data? YES [] NO [X]

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

DMR data is submitted to the DOGM database. No flow was reported for UPDES site 001.

6. Were all required DMR parameters reported? YES [] NO [X]

No flow data was submitted for UPDES site 002 for March.

7. Were irregularities found in the DMR data? YES [] NO [X]

8. Based on your review, what further actions, if any, do you recommend?

Have missing parameters for Blind Canyon, Horse Canyon, Upper Crandall Flume, MW-7, and UPDES site 002 input to the database if available.

Make sure that the baseline resampling data for 2000 is input to the database.