

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

January 28, 2004

TO: Internal File

THRU: Daron Haddock, Permit Supervisor

FROM: David Darby, Senior Reclamation Specialist

RE: 2003, 3rd Quarter Water Monitoring, Consolidation Coal Company, Hidden Valley Mine, C/015/0007-WQ03-3, Task ID #1734

- 1. Was data submitted for all of the MRP required sites?** YES [X] NO []
Identify sites not monitored and reason why, if known:

This review was conducted based on information in file: O:\015015.hid\Water Quality\datacheck012804.xls

Only two stream sites are monitored for this minesite. MRP identifies that monitoring is required during the second and third quarters.

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

See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

Resampling due date _____

MRP does not state a date.

3. Were all required parameters reported for each site? YES [X] NO []
Comments, including identity of monitoring site:

Flow was not reported for Stream sites #1 and #2, yet water chemistry was submitted. Specific Conductivity is really low compared to last years data (#1 is 2.97 umho and #2 is 3.07umho for 2003 vs 3850 umho and 3740 umho, respectively for 3rd quarter 2002.

4. Were irregularities found in the data? YES [X] NO []
Comments, including identity of monitoring site:

The cation/anion ratio was not balanced for both monitoring sites. The upper stream site was 3 and the lower site was 3.8. A good ratio is 1.

5. Were DMR forms submitted for all required sites?

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

Identify sites and months not monitored:

DMR forms are not required, because there are no UPDES discharge points.

6. Were all required DMR parameters reported? YES [] NO []
Comments, including identity of monitoring site:

N/A

7. Were irregularities found in the DMR data? YES [] NO []
Comments, including identity of monitoring site:

N/A

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

James Byars should be asked to determine why the cation/anion ratio was off.