

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

April 9, 2004

TO: Internal File

THRU: Daron Haddock, Permit Supervisor

FROM: David Darby, Senior Reclamation Specialist

RE: 2001 Third Quarter Water Monitoring, Hiawatha Coal Company, Hiawatha Mine, C/007/0011-WQ01-3, Task ID #48

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

Information for this report was evaluated from file; 0:\007011.hia\Water Quality\Datacheck2001.xls. Hiawatha Coal Company has supplied a schedule for water monitoring and parameter reporting in the MRP, Tables VII-15. An update to the MRP on June 6, 2003 shows an updated monitoring schedule on Table 7-14.

Springs Monitoring is required two times per year, usually in July and September. The operator has completed monitoring the required number of times, however it was conducted in June and October.

Streams The mine is required to monitor monthly based on accessibility. The applicant has monitored from March through October. Water quality analyses are conducted semi-annually. This year the samples were conducted in April and September. All stream monitoring was conducted in the third quarter.

UPDES The operator is required to conduct monitoring of the UPDES sites two times per month. Some monitoring has not been reported. At least one set of data has been reported for each month of the third quarter.

- 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 _____

Plan does not specify.

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

All parameters were reported for springs and streams. As mentioned in Section 1, at least one set of data has been reported for each month of the third quarter.

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

Missing data as identified in Section 1

5. Were DMR forms submitted for all required sites?
1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [] NO [X]
Identify sites and months not monitored:

The operator is required to conduct monitoring of the UPDES sites two times per month. Some monitoring has not been reported. Both samples were conducted in July and August, but only one sample was conducted in September.

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

See Section 5.

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

As identified in Sections 1, 5 and 6.

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

Have the inspector contact the operator to see if the second UPDES sample is available.

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