

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

April 22, 2004

TO: Internal File

THRU: Daron Haddock, Permit Supervisor

FROM: David Darby, Senior Reclamation Specialist

RE: 2003 4th Quarter Water Monitoring, Hiawatha Coal Company, Hiawatha Mine, C/007/0011-WQ03-4, Task ID #1839

- 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\Datacheck2003-4.xls. Hiawatha Coal Company has supplied a schedule for water monitoring and parameter reporting in the MRP. An update to the MRP on June 6, 2003 shows an updated monitoring plan on Table 7-14 and a schedule on Table 7-17.

Springs	Operational sampling is required two times per year, for the surface water sites. Some are sampled in April and September, while others are sampled in June and October. The operator has completed monitoring the required number of times.
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 October. All stream monitoring was conducted for the fourth 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 fourth 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 UPDES data has been reported for each month of the fourth 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 [] NO [X]

2nd month, YES [] NO [X]

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. Only one sample was reported for the fourth quarter for each month.

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

Comments, including identity of monitoring site:

See Section 5. All parameters were reported for the data that was submitted.

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. There were no irregularities in the data submitted.

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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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