

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

December 30, 2004

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor *DWH*

FROM: David Darby, Senior Reclamation Specialist *DD*

RE: 2004 2nd Quarter Water Monitoring, Hiawatha Coal Company, Hiawatha Mine, C/007/0011-WQ04-2, Task ID #2001

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\Datacheck2004-1-2.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.

All springs were monitored in June as required.

Streams Hiawatha Coal Company currently monitors streams on a monthly basis when accessible (Table 7-15).

All streams were monitored for April, May and June, except site ST-4 for June.

UPDES There are two active UPDES sites at the Hiawatha Mine used to establish groundwater quality. The operator will monitor UPDES sites once a month according to Table 7-17.

The operator monitored and submitted 2nd quarter data UPDES information for April, May and June.

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:

Springs

No, D-K was not reported for spring SP-2.

Streams

No data submitted for ST-4b.

UPDES

No Oil and Grease data was submitted for May for sites D001 and D002

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

Comments, including identity of monitoring site:

As mentioned above in Section 1 and 3 of this report.

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []

2nd month, YES [X] NO []

Identify sites and months not monitored:

3rd month, YES [X] NO []

The operator is required to conduct monitoring of the UPDES sites one time per month.

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

Comments, including identity of monitoring site:

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See Section 3 above.

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

See Section 3 above.

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

A copy of the data file will be e-mailed to the Mine Operator and DOGM Mine Inspector identifying the missing and irregular data. Both the Operator and Mine Inspector should check to see if the missing data identified in Sections 1 and 3 are available to be entered into the database. If the data is available, the Mine Operator should submit it to the DOGM Inspector and Hydrologist, so it can be entered into the Coal Database. If the data is not available the Mine may be in violation of R645-301-731-200.

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