

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

July 18, 2006

JK

TO: Internal File

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

FROM: David Darby, Senior Reclamation Specialist *[Signature]*

RE: 2004 3rd Quarter Water Monitoring, Hiawatha Coal Company (HCC), Hiawatha Mine, C/007/0011-WQ04-3, Task ID #2136

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\Datacheck2004-2006 (1).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 HCC monitors six springs at the minesite, SP-2, SP-3, SP-3, SP-11, SP-12 and SP-13. Operational sampling is established in the MRP as two times per year, for spring sites. They are monitored in June and October. Samples are analyzed for parameters identified in Table 7-12.

Spring information was reported for the third quarter (June).

Streams HCC currently monitors field parameters of streams on a monthly basis from April through October, (Table 7-17). Water Quality samples are collected and analyzed for flows in April and September.

UPDES There are ten active UPDES sites at the Hiawatha Mine used to establish discharge quality. A permit amendment was submitted by HCC to add the eight sediment pond UPDES sites back into the permit area in March 2005. HCC started monitoring in January 2004. The UPDES sites were part of the mining permit in the past, but were removed in August 1998 after the U.S. EPA notified HCC it would no longer like to receive copies of the discharge monitoring reports (DMR's). There has been no activity or discharges from the ponds, since they were built for total containment. The operator will monitor UPDES sites monthly according to Table 7-17.

Pond No.	Location
D001	Mohrland Portal
D002	Overflow at Hiawatha
D003	Upper Coal Storage Yard
D004	North of Slurry Pond No. 1
D005	East of Slurry Pond No. 4
D006	North East of Slurry Pond No. 5
D007	South East of Slurry Pond No. 5
D008	Middle Fork Mine Yard
D009	South Fork Mine Yard
D011	South Fork Truck Loading Facility

The operator monitored all UPDES sites and submitted all 3rd quarter data/information for July, August and September. The only discharges were at sites D001 and D002.

Wells YES [] NO [] N/A, No wells on site.

2. Were all required parameters reported for each site?

Springs YES [X] NO []

Streams YES [] NO [X]

Parameters were not reported in August and September for ST-1. Total Fe and total Mn was not reported ST-2, ST-2b and ST-5 for September.

UPDES YES [X] NO []

Wells YES [] NO [] N/A

3. Were irregularities found in the data?

Springs YES [] NO [X].

Streams YES [X] NO [] Section 2 mentioned missing monitoring samples.

UPDES YES [] NO [X]

Wells YES [] NO [] N/A

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

Resampling due date July 2009

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

I have contacted the Operator to let them know there are missing data. The Operator is to check to see if missing data identified in Sections 1 and 2 are available to be entered into the database.

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? Yes No

A copy of the data file will be e-mailed to the Mine Operator and DOGM Mine Inspector identifying any missing and irregular data. 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.

6. Follow-up from last quarter, if necessary.

Did the Mine Operator submit all the missing and/or irregular data (datum)?

This report was delayed to facilitate the permit review process. The missing and irregular data will be tracked to ensure and the database is updated.