

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

September 26, 2007

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *pgl*

FROM: David Darby, Senior Environmental Scientist *[Signature]*

RE: 2005 1st Quarter Water Monitoring, Hiawatha Coal Company (HCC), Hiawatha Mine, C/007/0011-WQ05-1, Task ID #2147

Information for this report was evaluated from file 0:\007011.hia\Water Quality\Datacheck2004-2006(1-2).xls. Hiawatha Coal Company has supplied a schedule for water monitoring, Table 7-14, and parameter reporting, Table 7-17, in the MRP, updated on June 6, 2003.

The Hiawatha mine is considered to be in the operational phase. Coal fines are being extracted from the #1 tailings ponds and trucked to Bear Canyon where the fines are blended with the mined coal. There is currently no underground mining taking place at the Hiawatha Mine.

1. Was data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

Springs HCC monitors six springs at the minesite, SP-2, SP-4, SP-5, SP-11, SP-12 and SP-13. Operational sampling is established in the MRP as two times per year, for spring sites, in June and October. Samples are analyzed for parameters identified in Table 7-12.

No springs are required to be monitored during the first quarter.

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 in April and September. Samples are analyzed for parameters identified in Table 7-16.

No streams are required to be monitored during the first quarter.

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. 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 now has committed to 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 required UPDES sites and submitted all 1st quarter. 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 [X] NO []

UPDES YES [] NO [X] HCC did not submit some of the water quality parameters for sites 001 and 002 for the quarter. All other sites were reported as no flow. It is likely HCC has the information, since it is reported to DEQ. The operator will be asked to submit this information.

Wells YES [] NO [] N/A

3. Were irregularities found in the data?

Springs YES [] NO [X]

Streams YES [] NO [X]

UPDES YES [X] NO [] As mentioned in Section 2.

Wells YES [] NO [] N/A

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?

UPDES information will be requested from the operator to update the database.

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

The operator needs to submit corrected information as mentioned above and from the last quarter.

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.