

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

July 23, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 07/28/09*

FROM: April A. Abate, Environmental Scientist II *AAA 7-28-2009*

RE: 2009 1st Quarter Water Monitoring, Hiawatha Coal Company (HCC), Hiawatha Mine, C/007/0011-WQ09-01 Task #3228

Hiawatha Coal Company has supplied schedules for water monitoring and parameter reporting in Tables 7-12 through 7-17, in the MRP, updated on June 6, 2003. The Hiawatha Mine is currently not producing coal from the underground mine. There is currently no underground mining taking place.

1. Was data submitted for all of the MRP required sites? YES [] NO [X]
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. No sampling was required this quarter.

Streams HCC monitors 10 stream locations at/near the mine site, ST-1, ST-2, ST-2B, ST-3, ST-3A, ST-3B, ST-4, ST-4A, ST-4B, and ST-5. HCC currently monitors field parameters of streams on a monthly basis from April through October, (Table 7-16). No sampling was required this quarter.

UPDES There are a total of 13 UPDES sample locations listed in Permit #UT0023094 for the Hiawatha Mine used to establish discharge quality. UPDES locations are monitored monthly according to Table 7-13. Only two sites have yielded flow (D001 and D002). The UPDES locations D003 through D013 are listed in the current UPDES permit, which is due to expire on September 30, 2009. All UPDES sample locations are outlined below:

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
D012	Mohrland Pipeline Drain
D013	King 6 Water Tank Overflow

According to the Utah Department of Water Quality, all sample locations were monitored during the first quarter of 2009. Although sample point D005 is being monitored (but not yielding any flow), the Division does not appear to be receiving any data from sample point D005. During the first quarter of 2009, only D001 and D002 yielded flow.

2. Were all required parameters reported for each site?

Springs YES NO
Not applicable

Streams YES NO
Not applicable

UPDES YES NO
It appears that Oil and Grease has not been sampled for the 1st quarter event.

3. Were irregularities found in the data?

Springs YES NO
Not applicable

Streams YES NO
Not applicable

UPDES YES NO

UPDES sample D001 reported a pH level of 6.2, slightly lower than the acceptable range of 6.5-9.0.

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?

Oil and Grease should be collected on a quarterly basis for **all** UPDES sample locations.

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

Please verify that the Division is receiving data uploaded from the water quality database for UPDES sample D005. It does not appear that any data have been received by the Division since June 2008. In the meantime, the Division will look into this issue to determine if there is a glitch in the database on our end.

Provide an explanation to the Division as to why oil and grease has not been sampled for.

Please also be aware of the baseline operational water monitoring sampling requirements scheduled for July 2009. If this sampling was unable to be completed in July, please notify the Division when the baseline sampling event is to occur.

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

No response from operator.