

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

January 13, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: David W. Darby, Senior Reclamation Specialist

RE: 2003, 3rd Quarter Water Monitoring, Hiawatha Mine Complex, C/007/0011-WQ03-3, Task ID #1719

- 1. Was data submitted for all of the MRP required sites?** YES [] NO [X]
Identify sites not monitored and reason why, if known:

Spring data is not required for this quarter. Spring monitoring is required in July and October.

Some DMR data missing.

- 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

Is not specified

- 3. Were all required parameters reported for each site?** YES [] NO [X]
Comments, including identity of monitoring site:

See DMR section.

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

Comments, including identity of monitoring site:

Just what was missing.

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

Identify sites and months not monitored:

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

Comments, including identity of monitoring site:

A new technician measured the discharge from 001, Mohrland Portal during the month of July. She thought that the only flow that needed to be measured was the flow over the weir. She did not know that all of the flow, including the pipe, needed to be measured. No flow, "0" flow, was reported and no samples were collected. Mark stated that the flows can be established from levels in the pipe and will be sent to the Division, however, the water quality cannot be established.

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

Comments, including identity of monitoring site:

Only as mentioned.

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

None for the third quarter. It is unfortunate that the sample were not collected. This data is lost, however, there is data before and after this time period that can still be used to establish trends. No punitive action needs to be taken for this error. I am convinced it was not intentional. So far Hiawatha/Coop has been very proactive in their water monitoring.