

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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January 12, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: David W. Darby, Senior Reclamation Specialist

RE: 2003, 2nd Quarter Water Monitoring, Hiawatha Mine Complex, C/007/0011-WQ03-2, Task ID #1803

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

Some DMR data missing for 001.

- 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

It 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 [ ] NO [X]  
*Comments, including identity of monitoring site:*

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [ X ] NO [ ]  
2<sup>nd</sup> month, YES [ X ] NO [ ]  
*Identify sites and months not monitored:* 3<sup>rd</sup> month, YES [ X ] NO [ ]

**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 months of May and June. 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 above.

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

None, for the second quarter. It is unfortunate that the samples 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.