

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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March 25, 2004

TO: Internal File

THRU: Daron Haddock, Permit Supervisor

FROM: Steve Fluke, Reclamation Hydrogeologist

RE: 2003, Second Quarter Water Monitoring, Canyon Fuel Company,  
Gordan Creek 2, 7, & 8, C/007/0016-WQ03-2, Task ID #1624

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

No submittal for stream site 2-8-W and laboratory analytical data is missing for stream site 2-2-W. Field parameters for site 2-2-W were submitted to the database for April, May, and June. No flow was reported for the remainder of the sites.

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

**Resampling due date.**

No baseline resampling due – permit expires 08/24/2004.

**3. Were all required parameters reported for each site?** YES [ ] NO [ X ]

Laboratory analytical data is missing for stream site 2-2-W. Only field parameters were submitted for this site.

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

A high field-measured specific conductivity of 1500 umhos/cm was reported for stream site 2-2-W for May 1, 2003. However, three other field measurements reported for the site during the quarter were within one standard deviation of the median.

**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 [ ]  
3<sup>rd</sup> month, YES [ X ] NO [ ]

DMR data is submitted to the DOGM database. No flow was reported for UPDES site 2-1-W (discharge from the sediment pond).

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

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

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

Determine the status of missing laboratory analytical parameters for site 2-2-W. Have data input in database if available. If the parameters were not analyzed or measured, then determine the reason and get assurance that the monitoring plan will be followed. There were three parameters (dissolved oxygen, oil and grease, and dissolved magnesium) not reported for this site the first quarter 2003, so another quarter of missing parameters is a concern.

Determine the status of monitoring at site 2-8-W. Have data input in database if available. If the site was not monitored, then determine reason and get assurance that the monitoring plan will be followed. Lost quarterly monitoring cannot be recovered, however, no flow has been reported for this site since June 2000.