

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

January 21, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2003 Third Quarter Water Monitoring, Canyon Fuel Company, LLC, Skyline Mine, C/007/0005-WQ03-3, Task ID #1717

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

Data was submitted for all surface-water, groundwater, and UPDES sites.

- 2. On what date does the MRP require a five-year resampling of baseline water data.**
Renewal of the permit is April 30, 2007. The MRP makes no commitment to sampling baseline water parameters one year prior to the renewal date. No baseline parameters are even outlined. Operational parameters are the only parameters ever collected.

Permit Renewal date 30April07

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

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

Close observations were made this quarter comparing spring and stream flows of 2003 with the previous three (3) years. This is primarily due to the increased pumping of groundwater from the mine. No springs or streams showed signs of reduced flows and actually observed increased flows when compared to the last few years.

Flows for the MC-stream samples were all given in cubic-feet/second (cfs) instead of gallons/minute (gpm), but the operator has committed to correcting the values.

While many of the water levels in the water monitoring wells continue to drop in elevation due to mine dewatering, a few wells have appeared to possibly stabilized, such as 92-91-03, W79-14-2A, W91-35-1, W99-28-1, and W99-4-1. Water elevations in wells W2-1 (~15-ft), W20-4-2 (~14-ft), and W79-10-1B (~25-ft) actually rose from June 2003 to August 2003. However, this fluctuation is possibly due to JC-1 not operating for a period during that time frame.

5. Were DMR forms submitted for all required sites?

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

All the required information was submitted electronically.

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

The sediment pond at the Portal (001) was the only discharge point to report a discharge during the quarter. Discharge was continuous. Weekly sampling produced an average flow of 4,997 gpm, average TDS of 440 mg/l and an average T-Fe value of 0.30 mg/l. No exceedances were noted.

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

The sediment pond discharges continually and is sampled, at a minimum, once a week. Discharge fluctuated widely during the quarter based on JC-3 being activated and discharging water to Electric Lake. Discharges into Eccles Creek ranged from approximately 8,900 gpm when JC-3 was not pumping, to as low as approximately 2,500 gpm when it was pumping.

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

No further action is necessary for the 2003 03-3 (3rd) Quarter Water Monitoring data.

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