

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

February 4, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2000 Third Quarter Water Monitoring, Canyon Fuel Company, LLC, Skyline Mine, C/007/0005-WQ00-3, Task ID #992

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

The required 'Summer' sampling was conducted primarily in the first half of the month of August. Depth to water (DTW) for Well W2-1 was not included, but the operator committed to submitting the data ASAP.

- 2. On what date does the MRP require a five-year resampling of baseline water data.**
Renewal of the permit is April 30, 2002. 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 30Apr02

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

Well W2-1 was the only exception.

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

The TDS value at Spring S10-1 and the SO4 value at S17-2 returned to anticipated parameters during the 3rd quarter. Static groundwater elevation in Well 79-10-1B dropped an additional 2 feet (9-feet total) from last quarter. The static ground water elevation in Well 79-35.1A dropped 45.7 feet. The groundwater elevations will continue to be monitored. Elevated SO4 values were noted in Streams CS-14 (245 mg/l) and VC-6 (92 mg/l), and Springs S13-2 (122 mg/l) and S34-12 (30 mg/l). No other irregularities were noted.

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 DMR information was submitted electronically. Flow values for the discharge from the Mine Portal area was missing, but the Operator made a commitment to submit the information ASAP.

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

No flow conditions existed at the Loadout and Waste Rock facilities. Continuous flow conditions existed at the Portal Area discharge.

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

At the Portal Area discharge point, continuous discharge conditions existed throughout the quarter. TDS was recorded as follows: July 4.71 tons/day (TDS 418 mg/l – Flow 1660 gpm); August 3.66 tons/day (TDS 482 mg/l – Flow 1264 gpm); September 5.51 tons/day (TDS 731 mg/l – Flow 1361 gpm). Exceedances of Total Iron (T-Fe) were reported in August and September (2.4 mg/l and 3.1 mg/l, respectively). The daily limit of T-Fe is 1.0 mg/l

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

No further action is necessary for the 2000 00-3 (3rd) Quarter Water Monitoring data.