

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

February 9, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2001 Second Quarter Water Monitoring, Canyon Fuel Company, LLC, Skyline Mine, C/007/0005-WQ01-2, Task ID #1271

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

CS-15 was not submitted, but the Operator commits to submitting available information. The following sites were added to the Water Monitoring program: Springs 2-413 and 3-290; Streams CS-16, CS-17, CS-18, F-9, and F-10. The sites were added to better identify conditions in the Upper Huntington Creek basin.

- 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 [] NO [x]

Spring S24-12 was missing the following field parameters: pH, Specific Conductivity, and flow. The Operator has committed to submitting the information.

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

Field Specific Conductivity at Stream CS-14 was 2-3 times normal values at 1113 mg/l. Static groundwater elevations in the following wells were noted since Fall 2000: Well 79-10-1B dropped an additional 2 foot (12-feet total since Fall 1999); Well 79-35.1A dropped an additional 110.9 feet (167.6-feet total since June 2000); and Well W2-1 dropped 13 feet (47-feet total since June 2000). The groundwater elevations will continue to be monitored. Mine inflows encountered underground appear to be affecting the water levels in the above-cited wells. 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.

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

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

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

Exceedances were reported for all three (3) months (Apr-Jun) for the Total Dissolved Solids (TDS) maximum daily load of 7.1 tons/day. Discharge flows averaged approximately 3,000 gpm and TDS average approximately 508 mg/l creating a daily load of approximately 9.1 tons /day TDS. Skyline Mine is working with DWQ to modify their permit to consider the TDS values on a mg/l basis instead of a tons per day limit. This will continue to be monitored.

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

No further action is necessary for the 2001 01-2 (2nd) Quarter Water Monitoring data.