



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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July 15, 2002

OK

TO: Internal File
THRU: Daron R. Haddock, Permit Supervisor *DRH*
FROM: Gregg A. Galecki, Reclamation Specialist *GAG*
RE: 2002 First Quarter Water Monitoring, Canyon Fuel Company, LLC, Dugout Mine, C/007/039-WQ02-1

1. Was data submitted for all of the MRP required sites? YES NO

Identify sites not monitored and reason why, if known:

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

Low-flow 2002 (third quarter)

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

Comments, including identity of monitoring site:

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

Comments, including identity of monitoring site:

Of 20 total monitoring sites, 16 sites were documented as having 'No Access'. This is a pattern that has been consistently recorded by the operator. It has been discussed, and a modification to the monitoring program is likely to be submitted.

At DC-1, many of the reported parameters were abnormally high. Parameters abnormally high include 1064 umhos (496 ave.), dissolved calcium 86 mg/l (59.6 ave.), dissolved magnesium 72.6 mg/l (46.8 ave.), dissolved potassium 6.6mg/l (2.1ave.), dissolved sodium 38.3

mg/l (21.8 ave.), chloride 23 mg/l (5.7 ave.), sulfate 250 mg/l (78 ave.), and total dissolved solids 680 mg/l (389 ave.). The operator was confirmed that these values were accurate as reported. The quality at this site will continue to be monitored.

5. Were DMR forms submitted for all required sites?

1 st month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2 nd month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
3 rd month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

6. Were all required DMR parameters reported?

YES NO

Comments, including identity of monitoring site:

7. Were irregularities found in the DMR data?

YES NO

Comments, including identity of monitoring site:

A discharges from Pond 001A was documented and sampled on March 18, 2002. No exceedance was documented. Parameters for March 18, 2002 were as follows: TDS 640 lbs/day, pH 7.9, Conductivity 1180 umohms, and Total flow 58,500 gallons. No visible oil and grease was recorded during the discharge.

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

No further action is required for 02-1 quarter.