



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

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OK

March 16, 2002

TO: Internal File
THRU: Daron Haddock, Permit Supervisor *DRZ*
FROM: David Darby, Senior Reclamation Specialist
RE: 2001, Forth Quarter Water Monitoring, UtahAmerican Energy, Incorporated, Horse Canyon Mine, ACT/007/013-WQ01-4

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

L-6-G, B-1, L-1-G, L-2-G and L-3-G all had no flow in their channels.

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

Is not specified

3. Were all required parameters reported for each site? YES [] NO [X]
Comments, including identity of monitoring site:

L-8-G, L-10-G showed no T-Fe. L-9G showed no Cl or T-Fe. RS-2 no TDS.
RS-2, HC-1 and RF-1 showed no Na or Mn. The lab must not have got the right parameter list.
Water Levels in piezometers IPA-1,-2 and-3 did not match, the permittee can still fix these.

4. Were irregularities found in the data? YES [] NO [X]
Comments, including identity of monitoring site:

No irregularities were found in the data submitted.

5. Were DMR forms submitted for all required sites?

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

Identify sites and months not monitored:

6. Were all required DMR parameters reported?

YES [X] NO []

Comments, including identity of monitoring site:

No discharges in Pond 001 and 002

7. Were irregularities found in the DMR data?

YES [] NO [X]

Comments, including identity of monitoring site:

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

The operator will be told to make ensure all sites are monitored, samples collected and analyzed.