



# 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 

FROM: David Darby, Senior Reclamation Specialist 

RE: 2001, First Quarter Water Monitoring, Utah American Energy, Incorporated, Horse Canyon Mine, C/007/013-WQ01-1

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

B-1, HC-1, L-1-G, L-2-G and L-3-G all had no flow in their channels. RS-1 shows no access. RF-1 shows no flow in February, monitored again in March.

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:*

RF-1 was not analyzed for Mn or bicarb.

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?**

1<sup>st</sup> month, YES [ X ] NO [ ]  
2<sup>nd</sup> month, YES [ X ] NO [ ]  
3<sup>rd</sup> 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?**

Although there is missing parameters, there are trends established. The operator will be told to make ensure all sites are monitored, samples collected and analyzed.