

January 28, 2003

TO: Internal File
THRU: Daron Haddock, Permit Supervisor
FROM: David Darby, Senior Reclamation Specialist
RE: 2002, First Quarter Water Monitoring, UtahAmerican Energy, Incorporated, Horse Canyon Mine, C/007/013-WQ02-1

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

Monitoring sites in Horse Canyon were monitored under the operational plan. Additional sites in the database are monitored for baseline.

No surface flows were recorded. Spring L-6-G and shows no flow. All other springs showed some flow and were monitored.

Springs discovered in the southern part of the proposed Lila Canyon permit area were monitored, which began in June.

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 [X] NO []
Comments, including identity of monitoring site:

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

5. Were DMR forms submitted for all required sites?

Identify sites and months not monitored:

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

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 should ensure parameters are monitored for baseline data to sufficiently characterize the water quality and quantity.