



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

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December 15, 2000

TO: [Redacted]
THRU: Daron R. Haddock, Permit Supervisor [Signature]
FROM: James D. Smith, Senior Reclamation Specialist [Signature]
RE: 2000 Second Quarter Water Monitoring, Energy West Mining Company, Trail Mountain Mine, C [Redacted] WQ00-2

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

Trail Mountain springs are not monitored during the first quarter.

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

Renewal submittal due 10/21/04, renewal due 02/21/05. Baseline analyses were performed in 1996 and will be repeated every 5 years, i.e., next baseline analyses will be in 2001.

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:

SW-1 (June): field conductivity outside two standard deviation range and exceeds maximum value recorded in the APPX database;
SW-3 (June): Total alkalinity outside two standard deviation range;
T-19 (June): Dissolved Mg and Na outside two standard deviation range and exceed

maximum values recorded in the APPX database. This is the second quarter in a row that Na has been high;
TMD (April): total hardness, total anions, and total cations outside two standard deviation range and exceed maximum values recorded in the APPX database.

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:

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?

Several values were outside the two standard deviation range. Recommended action is to watch for trends in these parameters.