

0009



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

OK

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June 28, 2002

TO: Internal File
THRU: Daron R. Haddock, Permit Supervisor *DRH*
FROM: James D. Smith, Senior Reclamation Specialist *JDS*
RE: 2001 Fourth Quarter Water Monitoring, Energy West Mining Company, Trail Mountain Mine, C/015/009-WQ01-4

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

The mine was sealed in June 2001 so UG-3 was no longer accessible and there has been no discharge at UPDES UT23728-002, the mine discharge;

SW-1: frozen in December when field parameters are measured and the sample is taken for operational parameters;

SW-3: frozen in December when field parameters are measured and the sample is taken for operational parameters;

T-18 (Oliphant Mine discharge): flow measured but no field parameters measured and no water sample taken;

T-10 (17-26-4): dry;

T-14 (17-25-1): dry;

T-15 (17-35-1): dry;

T-16 (17-35-2): dry.

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, 2001 and will be repeated every 5 years, i.e., next baseline analyses will be in 2006.

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-2: Ca (n = number of samples, n = 16), Mg (n = 16), sulfate (n = 112), and lab specific conductivity (not a required parameter; n = 82) were outside the two standard deviation range;

8-3-1 (T-19): Mo (n = 1, 11 non-detects) was detected above the MDL;

18-2-1: lab specific conductivity (not a required parameter, n = 38) was outside the two standard deviation range;

T 8 (TM-21, 17-21-1): lab specific conductivity (not a required parameter, n = 37) was outside the two standard deviation range;

TM-1B: December depth appears to be an entry error – the report gives a depth of 23.7 feet, the database has 77.8 feet.

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:

There was no discharge from either UPDES point during the fourth quarter. The mine was sealed in June 2001 and there has been no reported discharge at UPDES UT23728–002 since May 2001.

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

There was no discharge from either UPDES point during the fourth quarter.

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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?

Enter correct depth for December at TM-1B.

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