



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

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July 20, 2000

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DRH*

FROM: James D. Smith, Senior Reclamation Specialist *JPS*

RE: 1999 Fourth Quarter Water Monitoring, PacifiCorp, Cottonwood / Wilberg Mine, ACT/015/019

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

GWR01: dry
GRW02: frozen

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 3/06/04, renewal due 7/06/04. 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:

GWR03: Mg outside two standard deviation range;

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 discharge at UPDES UTG0022896-002, -004, and -005 all three months.

7. Were irregularities found in the DMR data?

YES [X] NO []

Comments, including identity of monitoring site:

TSS was not determined at 001 during December: Energy West attributes this to lab error.

TSS was not determined at 003 during December: Energy West sampled for settleable solids as the result of a <10 year, 24 hour storm, but, as stated in Part I.D.3 of the UPDES permit, TSS should have been determined also.

Settleable solids was not determined at 003 for the discharge resulting from a <10 year, 24 hour storm during December: Energy West attributes this to lab error.

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

No action necessary: one value was outside the two standard deviation range but this does not appear to be cause for concern.