

April 7, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: James D. Smith, Senior Reclamation Specialist

RE: 2002 Fourth Quarter Water Monitoring, PacifiCorp, Cottonwood / Wilberg Mine, C/015/019-WQ02-4

The mine was sealed May 10, 2001, so in-mine monitoring sites TMA @ 32 and 2ndS XC-11 are no longer accessible. No flow was reported for most sites during the fourth quarter. According to operational monitoring reports, there was no discharge at UPDES UT23728-003, -004, or -005 during the fourth quarter, but the Division has not received three operational monitoring reports on UPDES sites or copies of DMRs for any UPDES sites.

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

UPDES UT23728-001 – October: no operational monitoring report received by the Division;

UPDES UT23728-002 – November and December: no operational monitoring reports received by the Division;

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 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:

GWR-03: Ca (n = 25) and Mg (n = 26) were outside the two standard deviation range;

WCWR1: depth (n = 45) and Na (n = 22) were outside the two standard deviation range - the reported depth is probably a data-entry error, and Na was low;

5. Were DMR forms submitted for all required sites?

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

Identify sites and months not monitored:

The Division received no DMRs for the fourth quarter.

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

The Division received no DMRs for the fourth quarter.

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

The Division received no DMRs for the fourth quarter.

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

The reason incorrect depths are being entered at WCWR1 needs to be identified and corrected.

Fourth-quarter DMRs for all five UPDES sites need to be submitted;

Operational monitoring reports for UPDES UT23728-001 (October) and UPDES UT23728-002 (November and December) need to be submitted.