

April 4, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: James D. Smith, Senior Reclamation Specialist

RE: 2002 Third Quarter Water Monitoring, PacifiCorp, Cottonwood / Wilberg Mine, C/015/019-WQ02-3

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 third quarter. There was no discharge at UPDES UT23728-002, -003, -004, or -005, during the third quarter.

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

**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  NO   
*Comments, including identity of monitoring site:*

GRW-03 – September: only flow was reported; other field parameters and operational monitoring results were not reported;

WCWR1 – September: only water level was reported; other field parameters and operational monitoring results were not reported;

UPDES UT0022896-001 – July: field conductivity, water temperature, and field pH were not reported;

UPDES UT0022896-001 – September: field conductivity and field pH were not reported (and no DMR submitted).

**4. Were irregularities found in the data?** YES [X] NO [ ]

*Comments, including identity of monitoring site:*

UPDES UT0022896-001 – July: sulfate (n = 9) was outside (low) the two standard deviation range.

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [X] NO [ ]

2<sup>nd</sup> month, YES [X] NO [ ]

*Identify sites and months not monitored:*

3<sup>rd</sup> month, YES [ ] NO [X]

No DMRs were received for September (and some operational field parameters were missing).

DMR values are not in the database.

**6. Were all required DMR parameters reported?** YES [ ] NO [X]

*Comments, including identity of monitoring site:*

UPDES UT0022896-001 – July: no pH (attributed to a dead battery in the meter).

**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?**

Missing operational monitoring parameters and September DMRs need to be submitted.

DMR values need to be entered into the database.