



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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July 1, 2002

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *D@Z*

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

RE: 2001 Third Quarter Water Monitoring, PacifiCorp, Cottonwood / Wilberg Mine, C/015/019-WQ01-3

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

The mine was sealed May 10, 2001, so in-mine monitoring sites TMA @ 32 and 2ndS XC-11 are no longer accessible;

There was no discharge at UPDES UT23728-002 (the mine discharge), -003, -004, or -005 during the third quarter;

GRW01: no flow reported during 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 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:

WCWR1: As (n = 2, 4 non-detects) was detected above the MDL; Mo (n = 3, 6 non-detects) was detected above the MDL – all three detectable Mo concentrations were measured in 2001;

UPDES 0022896-001A – August (monthly operational): Cl (n = 7) and lab specific conductivity (not a required parameter, n = 7) were outside two standard deviations;

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []

2nd month, YES [X] NO []

Identify sites and months not monitored:

3rd month, YES [X] NO []

The portals where UTG0022896-001 was located were sealed on 5/10/2001 and the UPDES monitoring point was moved from Grimes Wash to Cottonwood Canyon in July. The report for August is for the new location. Chronic toxicity, using Ceriodaphnia and Flathead Minnow as indicators, was added to the parameters with the permit revision.

There was no discharge at UPDES UT23728-002 (the mine discharge), -003, -004, or -005 during the third quarter;

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:

UTG0022896-001: DMR values are not in the database.

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

No action necessary: several values were outside the two standard deviation range but this does not appear to be cause for concern.