

#3747

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WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

November 21, 2011

TO: Internal File

THRU: Steve Christensen, Permit Supervisor *gkc*

FROM: Ken Hoffman, Environmental Scientist *kh*

RE: 2011 First Quarter Water Monitoring, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task ID #3747

The Cottonwood/Wilberg Mine monitoring plan is described in Appendix A of Volume 9 of the MRP.

There are no springs monitored at this site. The mine was sealed May 10, 2001, so in-mine monitoring sites TMA @ 32 and 2nd S XC-11 are no longer accessible. WCWR1 at the Waste Rock Site is the only well monitored. The pond at the Cottonwood Fan Portal was reclaimed in 2002 so UPDES 22896-002 is no longer reported to DOGM or the Division of Water Quality. UT0022896-001 was the only UPDES site to discharge during the First Quarter 2011.

1. Were data submitted for all of the MRP required sites?

Streams

YES NO

The streams accessible during the First Quarter 2011 were all dry.

Well

YES NO

UPDES

YES NO

UT0022896-001 was the only UPDES site to discharge during the First Quarter 2011.

2. Were all required parameters reported for each site?

Streams

YES NO

The streams accessible during the First Quarter 2011 were all dry.

Well YES NO

UPDES YES NO

UT0022896-001 was the only UPDES site to discharge during the First Quarter 2011.

3. Were any irregularities found in the data?

Streams YES NO

Well YES NO

UPDES YES NO

4. On what date does the MRP require a five-year resampling of baseline water data.

The Division received the permit renewal submittal on 03/09/09, for renewal on 07/06/09. Baseline analyses were performed in 2001 and 2006 and the next five-year baseline analyses were begun in the First Quarter of 2011.

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

No further action is required at this time.

6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? YES NO

7. Follow-up from last quarter, if necessary.

None.

8. Did the Mine Operator submit all missing and/or irregular data?

NA