

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

July 31, 2006

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor *DWH*

FROM: James D. Smith, Environmental Scientist *JS*

RE: 2006 First Quarter Water Monitoring, Task No. 2500, CO-OP Mining Company, Bear Canyon Mine, C0150025

The monitoring plan is described in Section 7.2.5, including Tables 7.1-6, 7.1-7, 7.1-8, 7.1-9, 7.2-4, and 7.2-5 of the MRP.

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

In-mine YES NO

SBC-11 has not been not accessible since early January 2003 because of a roof fall in the Hiawatha workings of Mine #1. SBC-9A replaced SBC-11 for monitoring water in this section of the #1 Mine; however, additional roof falls made Mine #1, including SBC-9A, inaccessible. The pipe that carries the water out of the mine to the culinary water supply is now the location for water quality and quantity monitoring, and SBC-9A has been retained as the name for this sampling site.

Springs YES NO

Streams YES NO

UPDES YES NO

There was no discharge from any of the UPDES permitted sites during the first quarter 2006.

DMR parameters that are not included in the operational parameter lists in the MRP - such as sanitary wastes, visible foam, and floating solids - are not reported in the electronic submittal to the Division. Operational monitoring values are reported for UPDES flow, TDS, TSS, pH, and total iron.

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

Baseline parameters are to be taken in August of year 5 prior to each permit renewal (Table 7.1-8). Baseline parameters were measured August 2000 and included with the Third Quarter 2000 data submittal. Next baseline analysis will be in August 2005.

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

Field parameters are frequently outside two standard deviations. The Permittee needs to review field procedures and equipment to assure measurement of field parameters is accurate.

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 (4th Qtr 2006), if necessary. YES NO

The Permittee will provide analysis results for baseline parameters for samples collected in August 2006.

8. Did the Mine Operator respond adequately to queries about missing or irregular data?

YES NO