



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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cc: Mike &

November 5, 2001

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DRH*

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

RE: 2000 Second Quarter Water Monitoring, CO-OP Mining Company, Bear Canyon Mine, C/015/025-WQ00-2

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

No flow at BC-3 and SBC-6.

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 07/02/00, renewal due 11/02/00. Baseline parameters are to be taken in August of year 5 prior to each permit renewal (Table 7.1-8).

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:

SBC-13: HCO₃ (n = 18) is outside two standard deviation range;
SMH-4: Water Temperature (n = 12) is outside two standard deviation range;
BC-2: Settleable Solids (n = 16) and Total Fe (n = 95) are outside two standard deviation range;

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

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

Identify sites and months not monitored:

No reports for any quarter for site 007, which is the not-yet-built sedimentation pond at the Wild Horse Ridge Addition.

No flow except for April at site 004 (mine discharge).

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 [X] NO []

Comments, including identity of monitoring site:

UPDES-004: Field Conductivity is outside two standard deviation range;
UPDES-004: TDS is outside two standard deviation range.

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

Irregularities in monitoring data do not appear significant and no further action is recommended other than watching for possible trends.