

January 14, 2003

TO: Internal File
THRU: Daron R. Haddock, Permit Supervisor
FROM: James D. Smith, Senior Reclamation Specialist
RE: 2002 Third Quarter Water Monitoring, CO-OP Mining Company, Bear Canyon Mine, C/015/025-WQ02-3

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

No reports for SBC-13 or DH-1A, which were abandoned due to retreat mining.

- 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). Baseline parameters were measured August 2000 and included with the Third Quarter 2000 data submittal. Next baseline analysis will be in August 2005.

- 3. Were all required parameters reported for each site?** YES [X] NO []
Comments, including identity of monitoring site:

No flow at FC-1, MH-1, BC-3, BC-4:

No access at SDH-2, SDH-3, MW-114, and MW-115;

4. Were irregularities found in the data? YES NO
Comments, including identity of monitoring site:

SBC-5: Na (n = 33) was outside the two standard deviation range;

SBC-17: Mg (n = 8), K (n = 8), Na (n = 8), SO₄ (n = 8), field conductivity (n = 8), lab conductivity (n = 8), TDS (n = 8), total cations (n = 8), and total hardness (n = 8) were outside the two standard deviation range;

SBC-4, SBC-5, SBC-14, SBC-17 were sampled in August rather than in September as called for in the MRP.

5. Were DMR forms submitted for all required sites?

1st month, YES NO
2nd month, YES NO
3rd month, YES NO
Identify sites and months not monitored:

There are no DMRs, field reports, or EDI data for UPDES UTG040006 -002, -003, -006, and -007 for third quarter. Mark Reynolds was called; there was no flow at these sites, but Mark said he will submit the missing data electronically to the EDI database.

6. Were all required DMR parameters reported? YES NO
Comments, including identity of monitoring site:

UTG040006-004: no flow in July and August and no access in September;

7. Were irregularities found in the DMR data? YES NO
Comments, including identity of monitoring site:

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

The MRP has been amended to show SBC-13 or DH-1A are no longer monitored because retreat mining has made them inaccessible.

Irregularities in the MRP operational data do not appear significant and no further action

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is recommended other than watching for possible trends;

Mark Reynolds said he will electronically submit the the missing DMR information for UPDES UTG040006-002, -003, -006, and -007 to the EDI database: all were “no flow” during the third quarter.

“No access” was reported at wells SDH-2, SDH-3, MW-114, and MW-115 throughout the summer. These wells are normally accessible from the surface. There has been no explanation as to why these wells were not accessible this summer.

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