

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

December 10, 2007

TO: Internal File OK

THRU: Pamela Grubaugh-Littig, Permit Supervisor 
 Joe C. Helfrich, Environmental Scientist III and Team Lead 

FROM: James D. Smith, Environmental Specialist  12/11/07

RE: Water Monitoring Site Name Change, Task ID # 2879, Co-Op Mining Company, Bear Canyon Mine, C/015/0025

SUMMARY:

The proposed amendment corrects names for monitoring sites in Tables 7-14 and 7-14B. The Division suggested these changes to the Permittee while compiling the 2nd Quarter 2007 Water Monitoring Report for the Bear Canyon Mine. At that time, a series of e-mails were exchanged in an attempt to clarify whether or not all required sites had been sampled. The conclusion was that the required sampling and analyses had been done, but several site IDs in Tables 7-14 and 7-14B of the MRP needed to be modified to agree with Plate 7-4 and the site IDs being used by the Permittee in the field and by the lab.

TECHNICAL ANALYSIS:

ENVIRONMENTAL RESOURCE INFORMATION

Regulatory Reference: Pub. L 95-87 Sections 507(b), 508(a), and 516(b); 30 CFR 783., et. al.

HYDROLOGIC RESOURCE INFORMATION

Regulatory Reference: 30 CFR Sec. 701.5, 784.14; R645-100-200, -301-724.

Analysis:

Surface-Water Monitoring Plan

Table 7-14B lists spring SBC-20 in the first column and previously described it in the second column as 16-8-16-4. Plate 7-4 shows SBC-20 at the same location as historic monitoring site 16-8-18-4. There is no 16-8-16-4 on Plate 7-4 (there is no monitoring site shown anywhere in Section 16).

Table 7-14B previously listed SCC-1 twice in the first column, and there was no SCC-2. The first SCC-1 was described in the second column as 16-8-20-1, which agrees with Table 7-14 and what is shown on Plate 7-4. The second SCC-1 was previously described in the second column as 16-8-15-5. Plate 7-4 shows SCC-2 at the same location as 16-8-18-5, but there is no 16-8-15-5 on Plate 7-4. It was apparent the second SCC-1 in the old Table 7-14B should have been SCC-2, associated with historic site 16-8-18-5. The previous version of Table 7-14 made the same erroneous pairing of SBC-20 with 16-8-16-4 and SCC-2 with 16-8-15-5, instead of with, correctly and respectively, 16-8-18-4 and 16-8-18-5.

In addition to the misidentifications found by the Division, the Permittee found Table 7-14B erroneously described SBC-12 as 16-7-16-1 instead of 16-7-13-1, as shown on Plate 7-4 and listed in Table 7-14.

This amendment harmonizes Plate 7-4 and Tables 7-14 and 7-14B so that SBC-20 now is matched with 16-8-18-4, SCC-2 is matched with 16-8-18-5, and SBC-12 is matched with 16-7-13-1.

Findings:

Information on hydrologic resources is adequate to meet the requirements of the Coal Mining Rules.

RECOMMENDATIONS:

This amendment should be approved.