0021

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

#3117

September14, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor JS 09/16/09

FROM: Steve Christensen, Environmental Scientist III SKC

RE: 2007 2nd Quarter Water Monitoring, Consolidation Coal Company, Hidden Valley Mine, C0150007-WQ07-2, Task ID #3117

1. Was data submitted for all of required sites?

The Hidden Valley Mine is in reclamation. No more mining is planned for the site. Two surface-water monitoring sites are established to monitor Ivie Creek, a perennial stream adjacent to the minesite. The sites; #1, Upper Ivie, and #2, Lower Ivie, are designed to measure any changes in quality or quantity of the creek from mining activities. There are no springs, ponds or wells on the site. The monitoring program will continue until bond release is obtained.

Streams Section UMC 817.52 of the MRP identifies the Mine's water monitoring plan (frequency). The two surface monitoring sites will be sampled and measured during the months of May and September. Field parameters will be measured and water samples will take place at the same time. Parameters for water analysis are listed in UMC817.52. **Water Monitoring Reports need to be filed for the 2nd and 3rd quarters only.**

YES [X] NO [ ] Data was reported for all monitoring sites for the quarter.

2. Were all required parameters reported for each site?

Streams YES [X] NO [ ]

3. Were irregularities found in the data?

Streams YES [ ] NO [X]

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

MRP does not specify.

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

None.

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements?

[ ] YES [X] NO

6. Follow-up from last quarter, if necessary. Did the Mine Operator submit all the missing and/or irregular data (datum)?

None.