

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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October 22, 2007

OK

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *pgl*

FROM: *DD* Dana Dean, P.E, Senior Reclamation Hydrologist

RE: 2007 First Quarter Water Monitoring, Castle Gate Holding Company, Castle Gate Mine, C/007/0004-WQ07-1, Task ID #2697

The Castle Gate Mine is inactive, mostly reclaimed, and is awaiting appropriate conditions to apply for Phase II Bond Release.

Pertinent water monitoring requirement information is in the MRP in Sections 7.5-1 and 7.5-3, and table 7-16.

1. Was data submitted for all of the MRP required sites? YES  NO

**Springs** –

*The Permittee is not required to monitor any springs at the Castle Gate Mine.*

**Streams** –

*The Permittee is required to sample four intermitten/ephemeral streams (B-11, B-12, B-28, B-45) for flow, and the laboratory parameters outlined in Table 7-16 each quarter.*

The Permittee monitored all streams as required during this quarter, none was flowing.

**Wells**–

*The Permittee is not required to monitor any wells at the Castle Gate Mine.*

**UPDES**–

*There are no active UPDES sites at the Castle Gate Mine.*

**2. Were all required parameters reported for each site?**      YES       NO

There was no flow at any of the four stream sites.

**3. Were any irregularities found in the data?**      YES       NO

There was no flow at any of the four stream sites.

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

The MRP does not require a five-year re-sampling of baseline water data.

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

No further actions are required at this time.