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# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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December 22, 2011

TO: Internal File

THRU: Steve Christensen, Permit Supervisor *SC*

FROM: April A. Abate, Environmental Scientist III *AAA hms*

RE: 2011 Second Quarter Water Monitoring, Castle Gate Holding Company, Castle Gate Mine, C/007/0004-WQ11-02, Task ID #3828

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 intermittent/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 the intermittent/ephemeral streams on June 28, 2011. None of the locations had any measurable flow.

**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

Not applicable

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

Not applicable

**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?**

None at this time.