

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

September 11, 2012

TO: Internal File

THRU: Steve Christensen, Permit Supervisor

FROM: April A. Abate, Environmental Scientist III *AAA 9/12/2012*

RE: 2012 First Quarter Water Monitoring, Castle Gate Holding Company, Castle Gate Mine, C/007/0004, WQ12-01, Task ID #4015

The Castle Gate Mine is inactive and mostly reclaimed. In August 2012, the Castle Gate Holding Company (the Permittee) filed an application for 57.44 acres on Phase III Bond Release on Sowbelly Gulch and Hardscrabble Canyons.

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 March 30, 2012. 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.