

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

June 27, 2019

TO: Internal File

THRU: Steve Christensen, Environmental Manager 

FROM: Keenan Storrar, Hydrologist 

SUBJECT: Fourth Quarter 2018 Water Monitoring, Castle Valley Waste Rock Site, Castle Valley Mining, LLC, C/015/0036, Task ID #5807

The monitoring plan is described in Section 723, p. 7-4, of Chapter 7 in the MRP. The waste rock site is operating under a permit held by Castle Valley Mining, LLC.

1. Were data submitted for all of the MRP required sites?

Well YES NO

One well is monitored at the waste rock site. The well is monitored quarterly with proposed monitoring parameters listed in Table 7-1.

2. Were all required parameters reported for each site?

Well YES NO

3. Were any irregularities found in the data?

The following samples had concentrations two standard deviations above the mean.

Well YES NO

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

No baseline monitoring is proposed for this well.

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

None at this time.

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

YES NO

7. Follow-up from last quarter, if necessary.

None.