

# WATER QUALITY MEMORANDUM

## Utah Coal Regulatory Program

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February 3, 2017

TO: Internal File

THRU: Steve Christensen, Permit Supervisor 

FROM: Keenan Storrar, Hydrologist 

RE: Second Quarter 2016 Water Monitoring, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task ID #5217

The Cottonwood/Wilberg Mine monitoring plan is described in Appendix A-2 of Volume 9 of the MRP. The site is currently in the Reclamation Sampling monitoring phase. There are no springs monitored at this site. In-mine monitoring discontinued when the mine was sealed May 10, 2001. Deer Creek and Cottonwood monitoring programs are still found in Volume 9 (in appendices A-1 and A-2, respectively) because they are both within PacifiCorp's East Mountain PHC.

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

Streams	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
UPDES	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

**2. Were all required parameters reported for each site?**

Streams	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
UPDES	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

UT0022896-001 was the only UPDES site to discharge during Q2 2016. This site is perpetually fed by a fracture connected to the surface ~100-200 yards inby the sealed portal.

**3. Were any irregularities found in the data?**

Streams	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
UPDES	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

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

The Division renewed the permit on July 6, 2009. Baseline analyses were performed in 2006 and 2011 and baseline analyses will be due next in 2016.

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

No further action is required 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.

**8. Did the Mine Operator submit all missing and/or irregular data?**

NA