

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

June 8, 2016

TO: Internal File

THRU: Steve Christensen, Permit Supervisor 

FROM: Keenan Storrar, Hydrologist 

RE: Four Quarter 2015 Water Monitoring, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task ID #5035

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. The mine was sealed May 10, 2001, so there are no in-mine monitoring sites. 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 Q4 2015. This site is perpetual because it is fed by a surface fracture bisected by the mine entry ~100-200 yards in from 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