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TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

February 28, 2012

TO: Internal File

THRU: Steve Christensen, Team Lead *SC*

FROM: Ken Hoffman, Hydrologist *KH*

RE: Midterm Permit Review, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Task ID #4003

SUMMARY:

In accordance with R645-303-211, The Division is required to review each active permit during its term. The Division commenced the Midterm Review for the Cottonwood/Wilberg Mine on October 20, 2011. The Division identified some deficiencies for the Operator to address. The Operator submitted the response on January 31, 2012. This Technical Memorandum reviews the hydrology information that was submitted in response to the deficiencies to ensure that it is current and correct as compared to the currently being conducted monitoring program.

The Permittee submitted an updated Volume 9 Appendix A but failed to update the accompanying Appendix A tables titled *Hydrologic Monitoring Program*.

Findings:

R645-301-731.220: The Permittee shall make the following corrections to Appendix A:

- The sampling ID MHC-01 shall be added to Section I.A.2.c. of Appendix A.
- The sampling ID CC001 shall be added to Section II.A.1.a.(3) of Appendix A.
- The sampling ID HCC03 shall be added to Section II.A.2.b. and II.B.2.b.(2) of Appendix A and Tables 1 and 2 or language in Section I.A.2.a.(3) of why it is not monitored.
- Each of the 10 tables contained in Appendix A shall be given unique identifications numbers.
- Tables 1 and 2:
 - Page 2: UPDES Sampling – remove Des-Bee-Dove
 - Page 4: UPDES Sampling; Sediment Pond Drainage - reduce Cottonwood to 2 Outfalls and remove Des-Bee-Dove
 - Page 6: UPDES sampling - remove Des-Bee-Dove

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RECOMMENDATION

The Division needs Appendix A *Hydrologic Monitoring Program* Tables 1 and 2 updated.

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