

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

July 30, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 08/03/09*

FROM: April A. Abate, Environmental Scientist II/Hydrologist *AAA 7.30.2009*

RE: 2008, 4th Quarter Water Monitoring, Savage Services Corporation, Savage Coal Terminal, C/007/0022 Task #3146

The Savage Coal Terminal is an operating coal loadout where coal is crushed, screened, blended, and then loaded onto rail transport. The operation was restarted in 2006 after several years of being in cessation.

Pertinent water monitoring requirement information is in the MRP on pages 80 – 82 in Sections 731.200 and Table 7-17.

1. Was data submitted for all of the MRP required sites? YES NO

Springs –

Not Applicable. There are no springs to monitor at the Savage Coal Terminal.

Streams –

The Permittee is required to sample CV-14-W, for the parameters outlined in Table 7-17 in the second and fourth quarter of each year.

Site CV-14-W was monitored this quarter.

Wells–

The Permittee is required to sample CV-1-W for the parameters outlined in Table 7-17 in the second and fourth quarter of each year. S-1-GW and S-2-GW are monitored quarterly. Beginning in 2010, they will be monitored during the second and fourth quarter only.

All wells were monitored this quarter. S-1-GW was dry.

UPDES

There is one active UPDES outfall at the Savage Coal Terminal, CV-15-W, or UTG040005-001. The Permittee is required to monitor this UPDES site monthly.

The location was monitored each month during the 4th quarter. Permittee recorded no flow at the UPDES site during the period.

2. Were all required parameters reported for each site? YES NO

3. Were any irregularities found in the data? YES NO

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

The permit renewal date is August 2, 2009. The operator has submitted the application for permit renewal within the 120-day timeframe. Currently there is no specified baseline sampling protocol established for the groundwater monitoring wells. The Division recommends resampling for baseline parameters every 5-years. Baseline parameters are outlined in the Division's Technical Directive Document No. 004. Baseline parameters listed in Tech Directive 004 are already being sampled for as part of the operational sampling protocol.

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

None