

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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September 3, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor *DS 09/21/09*

FROM: April A. Abate, Environmental Scientist II/Hydrologist *CAA 9-17-2009*

RE: 2008, 1st Quarter Water Monitoring, Savage Services Corporation, Savage Coal Terminal, C/007/0022 Task #3143

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 in Sections 7.1.6, and 7.2.6, and Figure 7-15.

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

**Springs** –

The Permittee is not required to monitor any springs at the Savage Coal Terminal. There are no springs to monitor.

**Streams** –

The Permittee is required to sample CV-14-W, for the parameters outlined in Figure 7-15 in the second and fourth quarter of each year.

Site CV-14 was not monitored this quarter.

**Wells**–

The Permittee is required to sample CV-1-W for the parameters outlined in Figure 7-15 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.

Sites CV-1-W was not monitored this quarter. S-1-GW and S-2-GW were

monitored this quarter. Monitoring well 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 1<sup>st</sup> 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 6, 2009. Currently there is no specified baseline sampling protocol established for the groundwater monitoring wells.

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

The Division recommends a baseline sampling protocol be established for the groundwater monitoring wells. This protocol will be outlined in the Division's upcoming review of the permit renewal application.