

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

December 16, 2010

TO: Internal File

THRU: April Abate, En Sci II, Reclamation Hydrologist, Team Lead *CAA 12-16-2010*

FROM: Peter Hess, En Sci III, Inspector, Engineering Review *PHH by SHS*

RE: UPDATE PLATE 5-2, Savage Services Corporation, Savage Coal Terminal, C/007/022, Task ID # 3709

SUMMARY:

The Permittee submitted an application to the Division to revise PLATE 5-2, Savage Coal Terminal Facility Map on December 13, 2010. This application is a minor change to the surface facility map, and involves allowing the former equipment storage area to be utilized for coal storage as well. R645-301-521.164 requires that maps depicting the permit area clearly show each coal storage and loading area.

TECHNICAL ANALYSIS:

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Affected Area Maps

Mining Facilities Maps

The proposed revision to PLATE 5-2, SAVAGE Coal Terminal surface facility map, would merely allow the Permittee to use the area formerly identified as an equipment storage area (area is immediately SSE of sediment ponds #1, 2 and 3) as a coal storage area. The area will now be used primarily for coal storage, but some of the area may be needed for equipment component storage.

The Savage Coal Terminal is a rail loading / truck loading / processing / blending / storage facility, and this additional coal storage acreage may be needed in the future.

The proposed coal storage area will report runoff directly to pond #6.

Mine Workings Maps

The Savage Coal Terminal is a processing / blending facility; no coal extraction from native coal resources is practiced at this site.

Monitoring and Sampling Location Maps

There are no proposed changes to the surface and / or ground water monitoring requirements already established within the approved mining and reclamation plan.

Certification Requirements

The proposed revised PLATE 5-2, Savage Coal Terminal Surface Facilities Map was re-certified by Mr. Dan W. Guy, Utah registered professional engineer on December 6, 2010. All requirements of the professional engineer's certification stamp process, (i.e., stamped, dated and signed by the engineer) have been addressed.

The application meets the certification requirements established under R645-301-521.164, R645-301-512, and 512.120.

Findings:

The Task ID # 3709 application meets the requirements of the R645 Coal Mining Rule identified as R645-301-521.160, and 521.164.

The application meets the certification requirements established under R645-301-521.164, R645-301-512, and 512.120.

RECOMMENDATION:

Task ID # 3709, **UPDATE PLATE 5-2**, Savage Coal Terminal Surface Facilities Map should be approved by the Division.

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