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State of Utah

Department of Natural Resources

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Division of Oil, Gas & Mining

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Lieutenant Governor

February 8, 2007

James Jensen, Vice President  
Savage Services Corporation  
6340 South 3000 East  
Salt Lake City, Utah 84121

Subject: Denial of Savage Plant Overflow Pond, Savage Coal Terminal, C/007/0022, Task ID #2706, Outgoing File

Dear Mr. Jensen:

The Division received a proposal on November 27, 2006 to add a plant overflow pond at the Savage Coal Terminal. With the restart of the wash plant, the pond will be needed. The pond intercepts overflow and wash down water from the plant. Overflow from the pond will be directed to Pond 6 where it is filtered and re-circulated to the plant.

Information in the amendment is not adequate to meet the minimum requirements of the regulations. Therefore, we are denying approval of the application at this time. The application is being returned to you with a request that you reformat it to include the deficient information and submit a clean revised application. We must retain one copy of your original submittal for our public file records. The following list of deficiencies must be adequately addressed before the technical review can continue.

**R645-303-223 and R645-301-222**, The application is incomplete with regard to soil information. At a minimum, the application must state that during construction, the Permittee will describe the soil profile to a depth of five feet and sample the surface coal accumulation and the underlying surface soil from 0 – 6 inches, 6 – 12 inches, 12 – 24 inches, and 24 – 48 inches. The soil samples must be analyzed for texture, pH, Electrical Conductivity, and Sodium Adsorption Ratio. [PWB]

**R645-301-231**, Plate 7-4C describes the dimensions of the plant overflow pond: 30 feet X 60 feet, with 15 foot berms surrounding the pond adding an extra 30 feet to each dimension. The total area for the pond will require 5,400 sq. ft. Soil removal was not described in the application.

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The Permittee must remove the surface foot of coal and soil from the 5,400 sq. ft. area. That will yield 200 cubic yards. This mixed soil/coal material will be stockpiled, protected and seeded as topsoil. The Permittee may elect to store this mixed soil/coal material over the flat surface and slopes of the overflow pond berm. The stored salvaged soil must be signed. [PWB]

- The Division recommended the use of manure rather than potassium fertilizer to establish vegetation on the topsoil and subsoil piles north of the office, the techniques and products employed should be disclosed in the MRP. [PWB]

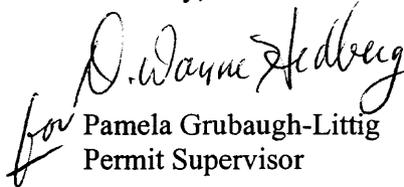
**R645-301-521.168**, The Permittee must revise the maps such that the Plant Overflow Pond and associated features are shown as if they were installed instead of being labeled as proposed facilities. [WHW]

**R645-301-722.200**, The Permittee shall provide the information and maps necessary to identify overland flow and any structures necessary to control surface flow. [DWD]

**R645-301-830.140**, The Permittee must include detailed reclamation costs for reclaiming the Plant Overflow Pond. The Division needs the information to ensure that there is an updated reclamation cost estimate. [WHW]

If you have any questions please contact the reviewer whose initials follow the deficiency directly: Priscilla Burton [PWB] at the Price Field Office (435) 613-1146, Wayne Western [WHW], (801) 538-5263, David Darby [DWD] (801) 538-5341, or myself at the Salt Lake Office (801) 538-5268.

Sincerely,

  
for Pamela Grubaugh-Littig  
Permit Supervisor

dwd/sd  
Enclosure

cc: Dan Guy, Blackhawk Engineering  
Price Field Office

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