



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

September 12, 1995

Boyd Rhodes  
Savage Industries, Inc.  
PO Box 587  
Wellington, Utah 84542

RE: Sediment Disposal, Savage Coal Terminal, Savage Industries, Inc., ACT/007/022-95A, Folder #3, Carbon County, Utah

Dear Mr. Rhodes:

This approves the removal and storage of sediment pond waste from the Savage Coal Terminal, containing PCE, to the Grassy Hill site, operated by USDCI near Tooele, Utah.

The aforementioned amendment is approved effective September 5, 1995. The approval is based on the information you submitted together with the regulatory findings cited below.

Followup Action By Permittee

At the next sediment cleanout of ponds #5 and #6, you are obligated to retest ponds #5 and #6 sediment for PCE. You are also obligated:

- (1) to notify the Division in advance of the proposed cleanout, and (2) to make available to the inspector PCE test results for the next sediment pond cleanout of ponds #5 and #6.

Project Description

As a result of an internal environmental audit by personnel of Mountain Coal Company, Perchloroethylene (PCE) was discovered in sediment ponds #5 and #6.

PCE is a colorless, non-flammable organic solvent used in cleaning solutions to dissolve waxes, tars, rubbers, and gums.

Ponds #5 and #6 have been cleaned and the sediment has been stockpiled adjacent to sediment pond #5.

Pond #5 drains into pond #6. Pond #6 is a UPDES discharge outfall. Ponds #1, #2, #3, and #4 were also tested, but did not contain any PCE.

### Findings

- (1) AMENDMENT APPLICATION. The applicant, Savage Industries, Inc., has submitted a complete and accurate amendment application. The significant change on page 7-78a of the amendment is underscored.
- (2) DOGM PERMIT STATUS. Ponds #5 and #6 and the currently DOGM approved sediment pond cleanout storage areas lie within the current permit.
- (3) ACTIVE MINE. The area is included in an active approved coal mining and reclamation operation and is within the existing disturbed area.
- (4) LAND STATUS. The surface estate is patented to Mountain Coal Company, and controlled by Savage Industries, Inc.
- (5) OTHER APPROVAL/COORDINATION.
  - A copy of the complete amendment package was provided to the Department of Health, Environmental Quality at Price, Utah. On 9/11/95, Dave Ariotti concurred with the approval of the amendment and followup testing on ponds #5 and #6.
  - Mountain Coal Company has taken the necessary steps and contacts to dispose of sediment pond cleanout material that contains PCE.
- (6) POTENTIAL SOURCES OF PCE. The two potential sources of PCE found in pond #5 and #6 is the DOGM permitted refuse pile and/or the Jensen Truck Shop. About two years ago, the drainage from the Jensen property was diverted and no longer drains into pond #5. The Jensen shop is an independent operation from the prep plant.
- (7) PONDS. Pond #5 was cleaned of sediment three years ago. Since ponds #1, #2, #3, and #4 did not contain PCE, it can be concluded that pond #5 was the first pond that received PCE. Pond #5 drains into pond #6. Pond #1, #2, #3, and #4 drains into pond #6 and not pond #5.

(7) PONDS -continued-.

Pond #6, according to the records in my possession, has not discharged since the last pond cleanout. When pond #6 approaches discharge levels, it is pumped into other ponds that have excess capacity. Further, pond water is utilized to control fugitive dust at the prep plant.

(8) IMPACTS. The instant project, with the sediment disposal as described herein, does not appear to have an adverse impact on the hydrologic balance, nor does it involve a critical habitat area.

(9) RECLAMATION AND BONDING. The approved reclamation plan associated with the removal of the ponds and reclamation of the refuse pile is adequate. Scope of reclamation work has not increased; therefore, no increase in bonding is required. Current surety bond is adequate.

(10) RECORD UPDATE. The DOGM Technical Analysis has been updated to reflect information pertinent to this amendment.

MRP pages 7-78 and 7-78a, dated 8/15/95 as provided herein are approved and must be incorporated in the MRP's that you are required to keep current.

Sincerely,



Wm. J. Malencik  
Reclamation Specialist

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Enclosure

cc: James Fulton, OSM, Denver  
Mark Page, DWR, Price  
Dave Ariotti, DEQ, Price  
Robert Valentine, DWR, SLC  
Pam Grubaugh-Littig, DOGM, SLC  
Joe Helfrich, DOGM, SLC  
Paige Beville, ARCO, Denver  
Dan Guy, Blackhawk Engineering, Price