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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

DRZ

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
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Division Director

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801-538-5340  
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## INSPECTION REPORT

Partial: XXX Complete: \_\_\_\_\_ Exploration: \_\_\_\_\_  
Inspection Date & Time: \_\_\_\_\_ / 10:30 am-12:30 pm  
Date of Last Inspection: 12/12/2000

Mine Name: Savage Coal Terminal County: Carbon Permit Number: \_\_\_\_\_  
Permittee and/or Operator's Name: Savage Industries, Inc.  
Business Address: 5250 South 300 West, Suite 200, SLC, UT 84107 / PO Box 587, Wellington, Utah 84542  
Type of Mining Activity: Underground \_\_\_\_\_ Surface XXX Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Dan Guy, Boyd Rhodes  
State Official(s): Joe Helfrich Federal Official(s): \_\_\_\_\_  
Weather Conditions: Clear, 45  
Existing Acreage: Permitted 160 Disturbed 122 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/022

DATE OF INSPECTION: 01/31/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The purpose of this partial inspection was to discuss the current status of these suggested permit changes:

- The shareholders, as identified on page 2-3, should be updated as the current list is dated 8/22/94.
- Page 3-2, 3.2.2 Buildings and Structures. The portion of the text identifying the thickener pond should be revised to note that the thickener pond was removed in 2000.
- Page 3-44, 3.3.9 Temporary Cessation. UMC 817.131 should be replaced with the current regulation citation R645-301-515.300.
- Page 3-54a, 3.5.3 final abandonment. The text indicates that "remaining material will be taken off site to an approved landfill." The text in the reclamation cost estimate, Appendix 3-4 # (2), indicates that "all exposed concrete will be broken up and buried on site." I advised Dan and Boyd that it was acceptable to have the option of hauling material off site to a landfill. Dan indicated that revising the text on page 3-54a and page 1, # (2) of appendix 3-4 would be an alternative.
- Volume 1 of the Operation and Reclamation plan contains several reclamation cost estimates. The cost estimates prepared prior to permit renewal, August 7, 1999, may be deleted. Wayne Western is reviewing possible changes to this section.

### 4D. HYDROLOGIC BALANCE: WATER MONITORING

Apparently, there was duplication with data entry for site CV-1-W. Dan offered to review the files and data. The data base currently lists two sites, (CV-0-W and CV-1-W), each being located on the north east corner of the property. The data for the two sites will be merged pending verification from Dan.

Two administrative items were discussed: 1) The protocol for data entry, and 2) alternatives to "no access" to monitoring sites.

### 13. REVEGETATION

Dan provided me with a letter to the Division requesting the removal of the test plots located on the refuse pile. A copy of that letter and the Division's approval letter are provided with this report.

### 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

**INSPECTION REPORT**  
(Continuation sheet)

PERMIT NUMBER: C/007/022

DATE OF INSPECTION: 01/31/2001

Dan and I discussed the conceptual plans for the conveyor additions located at the Loadout. A revised surface facilities map and reclamation cost estimate would be the major components of an amendment should Savage decide to install the additional sections of conveyor.

**21. BONDING AND INSURANCE**

The current operation and reclamation plan contains several revised reclamation cost estimates in the form of appendices. Dan is preparing an amendment which will consolidate the appendices as per Wayne's recommendations.

Inspector's Signature: \_\_\_\_\_

*Joseph C. Helfrich #1*  
Joseph C. Helfrich #1

Date: February 7, 2001

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

sd

cc: James Fulton, OSM  
James Jensen, Savage, SLC  
Boyd Rhodes, Savage, Price  
Price Field office

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**Mr. Daron Haddock**  
**Permit Supervisor**  
**Utah Division of Oil, Gas & Mining**  
**1594 West North Temple, Suite 1210**  
**Box 145801**  
**Salt Lake City, Utah 84114-5801**

**Savage Industries Inc.**  
2025 E. 5000 S.  
Price, Utah 84501  
(801) 637-5664  
(801) 637-3418 FAX

**Re: Request to Remove Test Plot**  
**Savage Coal Terminal**  
**ACT/007/022**  
**Carbon County, Utah**

**Dear Mr. Haddock:**

***This is a request for approval to remove the Refuse Pile Test Plot at the Savage Coal Terminal. This test plot was put in approximately 13 years ago, in the fall of 1987. This was the first test plot installed on this site, and was the company's idea to see what, if any, effect the refuse would have on revegetation efforts. The test plot has been monitored on a regular basis from construction through 1999.***

***A second test plot was constructed at the request of the Division in the fall of 1989. This plot was installed at a different location, and was intended to evaluate the success of the proposed reclamation procedures in the permit. Although this plot was originally intended to be in for 5 years, it has been evaluated for 11 years. It is intended to leave this plot in place until a final report and evaluation can be made.***

***The refuse pile test plot was never a requirement by the Division. Although some useful information has been obtained from this plot, it is now in the way of the approved removal of the refuse pile. Arrangements have been made to summarize the results of the monitoring on this plot. This information and summary will be submitted to the Division upon completion.***

***The test plot is described in Appendix 9-1 of the permit. This appendix will be updated with the summary information, when completed.***

***It is our hope the removal of this plot can be approved to allow for the continued orderly removal of the refuse pile. If you have any questions, or need additional information, please let me know.***

**Sincerely,**

**Dan W. Guy**  
**for**  
**Boyd Rhodes**



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February 6, 2001

Boyd Rhodes, Manager  
Savage Coal Terminal  
Savage Industries Inc.  
P. O. Box 587  
Wellington, UT 84542

Re: Approval of Vegetation Test Plot Removal, Savage Industries Inc., Savage Coal Terminal, C/007/022-AM01A, Outgoing File

Dear Mr. Rhodes:

Your request to remove the vegetation test plots located on the refuse pile is approved. Joe Helfrich has indicated to me that the company had volunteered to install the test plots and as such they would not be subject to the purview of the coal regulations; I agree. However minor changes to the vegetation map, (plate9-1), and appendix 9-1 should be prepared as an amendment to your operation plan. In order for us to keep this amendment on track, please submit the required changes by no later than March,5, 2001.

According to the preliminary observations reported to me from Joe, the refuse material may be of value in supporting vegetation for final reclamation. Your efforts to improve reclamation success are greatly appreciated. We look forward to the results of the summary information.

If you have any questions, please call me at (801) 538-5325 or Joe Helfrich at 538-5290.

Sincerely,

Daron R. Haddock  
Permit Supervisor

jch/sm

cc: Jim Jensen, Savage  
Dan Guy, Blackhawk  
Price Field Office

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