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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

0027

OK

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## INSPECTION REPORT

Partial Complete XXX Exploration  
Inspection Date: 03/27/2002 / Time: 09:00 AM-04:00PM  
Date of Last Inspection: 03/06/2002

Mine Name: Savage Coal Terminal County: Carbon Permit Number: C/007/022  
Permittee and/or Operator's Name: Savage Industries, Inc.  
Business Address: 5250 South 300 West, Suite 200, SLC, UT 84107/PO Box 587, Wellington, UT 84542  
Company Official(s): Dan Guy, Boyd Rhodes  
State Official(s): Joe Helfrich Federal Official(s): None  
Weather Conditions: Sunny, 56  
Type of Mining Activity: Underground Surface XXX Prep Plant Other  
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 type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:	<input checked="" type="checkbox"/>			
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/022

DATE OF INSPECTION: 03/27/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

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

The permit was renewed August 7, 1999. The current information on file indicates that the TA and CHIA were last updated August 7, 1989. There is one pending amendment for this facility #02A received by the Division on February 28, 2002. This amendment describes the topsoil-stripping project that will be developed as a coal storage area. The area is located between the office buildings and the topsoil stockpiles. A midterm review for the coal loadout facility is scheduled for May 15, 2002.

**2. SIGNS AND MARKERS**

Permit entry signs were visible at all points of entry to the permit area.

**3. TOPSOIL**

The drainage control berms at the base of each topsoil pile were in good repair and functioning as designed. During this inspection Boyd, Dan, and I met with Dan Larsen from E I S, (Environmental Industrial Services Inc.). Dan is a soil scientist contracted to characterize the soils and estimate stripping depths for the proposed coal storage area. Dan started preliminary sampling during this inspection.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The ditches and diversions in and adjacent to the disturbed area were in good repair and were functioning properly.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

Fourth quarter pond inspections were conducted on 11/28/2001 for ponds 1, 2, 3, 4, 5, and 6. The ponds were in good repair. Ponds 1, 4, 5, and 6 did contain some water at the time of this inspection.

The SPCC plan for the loadout was reviewed by the undersigned. The plan includes a cement berm that is constructed around the fuel storage tanks that is designed to contain the volume of fuel storage in the event of a spill. Spill control measures to be implemented should the concrete berm breach include conveying the spill in a ditch to a catch basin. The current sediment pond scheme is not associated with or relied upon by the spill prevention plan.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

DMR's for the pond discharge (site CV-15W) were reported as no discharge for the months of October, November, and December 2001. Data for the fourth quarter has been entered electronically into the database.

**7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

The refuse pile was inspected on 11/28/2001. As of the date of this inspection, material was being transported to the Co-Generation facility. The remaining portion of the pile is properly bermed and graded.

INSPECTION REPORT  
(Continuation Sheet)

PERMIT NUMBER: C/007/022

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**9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES**

During the inspection, I visited the proposed coal storage area and found no evidence of Burrowing Owls.

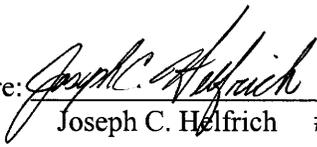
**16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING**

The roads and associated ditches were in good repair and were functioning properly.

**21. BONDING AND INSURANCE**

Liability insurance is carried by Continental Casualty Company and is in effective through April 1, 2003.

National Fire Insurance Co. of Hartford carries the reclamation bond in the amount of \$2,525,000. Wayne Western is reviewing the reclamation cost estimate for the additional reclamation costs associated with the proposed coal storage amendment. The proposed reclamation costs are approximately \$90,000 or 3.87% of the current cost estimate.

Inspector's Signature:  \_\_\_\_\_  
Joseph C. Helfrich #1

Date: March 28, 2002

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

cc: James Fulton, OSM  
James Jensen, Savage  
Boyd Rhodes, Savage  
Dan Guy, Blackhawk Engineering  
Price Field office  
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