

0015



State of Utah

Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

Representatives Present During the Inspection:	
Company	Dan Guy
OGM	Pete Hess Environmental Scientist III

**Inspection Report**

Permit Number:	C0070022
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 27, 2007
Start Date/Time:	9/27/2007 9:50:00 AM
End Date/Time:	9/27/2007 11:50:00 AM
Last Inspection:	Thursday, August 30, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, cool; 40's to 70's F.

InspectionID Report Number: 1422

Accepted by: dhaddock *dh*  
9/28/2007

Permittee: **SAVAGE SERVICES CORP**  
 Operator: **SAVAGE SERVICES CORP**  
 Site: **SAVAGE COAL TERMINAL**  
 Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

Current Acreages

160.00	Total Permitted
122.28	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

A review of the Division's electronic water data base has revealed that the required surface and ground water monitoring information for the Savage Terminal for the second quarter of 2007 has been inserted into the EDI pipeline, but that information remains to be uploaded.  
 There are no pending compliance actions at this site.

Inspector's Signature:

*Pete Hess*

Date

Friday, September 28, 2007

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

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

**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input 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 checked="" 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 checked="" 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: 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 checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<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 and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

The topsoil and subsoil piles constructed as part of the disturbed area expansion and development of the four fine coal settling ponds have yet to show any significant vegetative sprouting. 2007 has been reported as the hottest and driest year ever reported in Utah. Mr. Guy suggested that re-seeding of these piles may be considered next year, but it is possible that the in-place seed could still be dormant. The areas are heavily "pocked" and provide good volume for water harvesting.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Sediment Pond #1 contained collected runoff from the events of 9/22 and 23, 2007. Snow was received on the upper Book Cliffs during that storm. Pond #1 did not flow to pond #2. Both #2 and #3 ponds were dry. The fine coal slurry cells have not been receiving slurry; the cell which has seen the most recent activity appears to be being allowed to dry.

### **7. Coal Mine Waste, Refuse Piles, Impoundments**

Different consistencies of coal mine waste material are in storage on the top of the refuse pile. The cleanout material from pond #1 has been deposited, and a pile of fines has been generated and placed in storage. The Company is considering screening fines from the refuse facility for blending and shipment.

### **9. Protection of Fish, Wildlife and Related Environmental Issues**

The alfalfa fields to the east of the railroad tracks and coal loading facility were evaluated; they are green and appear to be doing well. No irrigation was occurring this day.

### **17. Other Transportation Facilities**

To date, the Permittee has not initiated construction activities on Conveyor #13. This permitting approval will replace the mobile conveyors which parallel the loadout silo charging belt, with permanent, fixed foundation conveyors.

### **22. Other**

Some cleanup of spilled coal has occurred in the vicinity of the train loading silo, however, there is still a lot of material in piles along the outside edge of the tracks (RR ROW). The cleanup of this area would improve its appearance and possibly prevent car derailments. The railroad is responsible for a lot of this spillage.