



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

OK

Inspection Report

Permit Number:	C0070022
Inspection Type:	PARTIAL
Inspection Date:	Monday, November 14, 2011
Start Date/Time:	11/14/2011 9:15:00 AM
End Date/Time:	11/16/2011 1:15:00 PM
Last Inspection:	Monday, October 24, 2011

Inspector: Pete Hess

Weather: Sunny, clear, cool, 40's F.

InspectionID Report Number: 2927

Accepted by: jhelfric

11/29/2011

Representatives Present During the Inspection:	
Company	Garth Nielsen
OGM	April Abate
OGM	Pete Hess

Permitee: **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

153.46	Total Permitted
132.50	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:

Inspector's Signature:

Pete Hess,

Inspector ID Number: 46

Date Thursday, November 10, 2011



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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input 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 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 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

4.a Hydrologic Balance: Diversions

The Permittee has recently redefined ditch CD-6 which collects runoff from truck dump #5 and the outslope of the adjacent coal pile and reports it to sediment pond #1.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Ponds #2 and #3 were observed as dry; pond #1 had been pumped down. The series ponds connecting spillways were capable of functioning. The open channel ditch at CV-15-W (UPDES outfall #1, which carries flow from Pond #6 off the permit area to the Price River) was dry.

4.d Hydrologic Balance: Water Monitoring

The Division co-ordinated with Jamey Sage representing JBR Environmental to observe the sampling and monitoring procedures at ground water well S-2-GW, which is located on the east side of the permit area. Mrs. April Abate, reclamation hydrologist assigned to the Savage Coal Terminal, was on hand to observe JBR's sampling procedures, and to get a look at the well water sample. 11 gallons of water were bailed from the well to purge it; the sample was then collected for analysis. The water appeared clear when dumped from the bail into a 5 gallon bucket, but did appear somewhat turbid in the 5 gallon bucket. Spikes in the oil and grease results over the past several months have created this interest in S-2-GW. No sheen was visible on the surface of the 5 gallon water sample. Samples had previously been collected during September and October of 2011. An extra volume of water was collected for oil in grease in case concentrations come back high. The additional water will be further analyzed to determine the nature of the oil and grease source. The Permittee needs to insert the data from these analyses into the DOGM water monitoring data base. Ground Water Well S-1-GW (ENE area of the permit) has always been reported as dry. More monitoring wells may be necessary to get a better description of the ground water flow through this area. The Division will have further consultation with the Permittee to discuss the need for additional groundwater monitoring wells. S-2-GW is not a UPDES monitoring point.

7. Coal Mine Waste, Refuse Piles, Impoundments

The Permittee has recently redefined the ditch identified as CD-7 on Plate 7-2, which drains the outslope of the waste rock pile into Pond #5.

20. Air Quality Permit

Several applications of water had recently been applied to the operational haul roads throughout the site.

22. Other

The Permittee has been able to extinguish the coal pile fire adjacent to sediment pond #1.