



# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

# Inspection Report

Permit Number:	C0070022
Inspection Type:	COMPLETE
Inspection Date:	Thursday, May 17, 2012
Start Date/Time:	5/17/2012 1:00:00 PM
End Date/Time:	5/21/2012 10:30:00 AM
Last Inspection:	Tuesday, April 17, 2012

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

Inspector: Pete Hess

Weather: Clear; hot. 70's to 80's F.

InspectionID Report Number: 3107

Accepted by: jhelfric  
5/31/2012

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	<b>Total Permitted</b>
132.50	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**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:**

Mr. Vic Fausett represented the Permittee during the field inspection of May 21st.

*Pete Hess*

Inspector's Signature:

Pete Hess,  
Inspector ID Number: 46

Date: Monday, May 21, 2012



**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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.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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The Permittee received a conditional approval for Task ID # 4077 to install a new ground water monitoring well in place of S-G-1, which has never provided water data. The conditional approval was received May 7, 2012. Final approval is pending receipt of the required number of clean copies.

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

Pond #1 was receiving wash down water from the plant; ponds #2 and #3 were dry. Pond #5 contained water which was lower than what it has been in previous months. The water elevation in pond #6 was also down. Cleanout of slurry cell #1 has been completed; the muck must continue to dry before it can be hauled for disposal. Mr. Dan Guy, Utah registered professional engineer, conducted the 2nd Quarter 2012 impoundment inspections for the sites sediment ponds and slurry cells on May 10, 2012. Reporting requirements are pending. As observed this day, Slurry cell #3 is scheduled for cleaning. Pond #1 needs cleanout of an island, although plenty of capacity is available for the design event. No compliance issues were identified for any of the impoundments.

## **4.d Hydrologic Balance: Water Monitoring**

The lack of precipitation events is evident from the water levels in the sites ponds; none are close to the discharge elevation. 1st Quarter 2012 monitoring data has been inserted for monitoring points CV-15-W (outfall 001) and S-2-GW (monitoring well south of pond 5). No data has been inserted for any of the other monitoring points required by the permit. First quarter data is due by June 30, 2012.

## **4.e Hydrologic Balance: Effluent Limitations**

Discharge monitoring reports for the month of April, 2012 were reviewed. Outfall 001A and SUM A were both reported as "no discharge" for that 30 day monitoring period.

## **5. Explosives**

There are no explosive or detonator storage magazines on this site.

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

According to Mr. Fausett, the Permittee is shipping approximately 500 tons of coal waste daily from the refuse pile to Sunnyside Co-generation Associates. The Permittee anticipates that the refuse pile will be gone by December, 2012. The 2nd Quarter 2012 waste rock pile inspection was performed by Mr. Dan Guy on May 10, 2012. Results of that inspection are pending. As observed this day, the drainage controls are in place, and the conical piles can not impound water. There was no indication of spontaneous combustion. Noncoal waste was not observed within the material piles.

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

A small herd (6-7 animals) of antelope were observed climbing a ramped coal pile on the southern end of the Permit area. No other wild life was seen during today's inspection.

**16.b Roads: Drainage Controls**

The Permittee was instructed to clear weeds from the culvert inlets and outlets at CMP's designated as C-13A and C-13B. These are located on the west side of the permit area about 300 feet south of the main office building.

**17. Other Transportation Facilities**

An IPA train was being loaded during today's inspection.

**19. AVS Check**

As far as is known, there has been no change in Savage Services Corporation management / ownership and control.

**20. Air Quality Permit**

It was observed that a recent application of water had been made to the operational areas of the site.

**21. Bonding and Insurance**

The Permittee renewed the general liability insurance coverage for the site prior to april 1, 2012. The Acord re-newal form has been forwarded to DOGM headquarters.