

**From:** Priscilla Burton  
**To:** Miller, Vicky; OGMCOAL  
**CC:** Helfrich, Joe; Steab, Suzanne  
**Date:** 9/22/2010 10:39 AM  
**Subject:** 0070039 Dugout, Outgoing, Insp Rpt 2497  
**Attachments:** Insp Rpt 2497\_20100922102941.pdf

Hello Vicky,

I've attached a copy of the inspection report for the observation of the topsoil stockpiles on September 16, 2010.

Thank you,

Priscilla Burton, CPSSc  
Division Oil Gas & Mining  
319 Carbonville Rd., Ste. C  
Price UT 84501  
(435) 613-3733



The State of Utah

Department of Natural Resources

Division of Oil, Gas & Mining

ROBERT L. MORGAN  
Executive Director

LOWELL P. BRAXTON  
Division Director

OLENE S. WALKER  
Governor

GAYLE F. McKEACHNIE  
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Vicky Miller

# Inspection Report

Permit Number:	C0070039
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 16, 2010
Start Date/Time:	9/16/2010 8:30:00 AM
End Date/Time:	9/16/2010 10:00:00 AM
Last Inspection:	Wednesday, August 25, 2010

Inspector: Priscilla Burton,

Weather: sun 60 F

InspectionID Report Number: 2497

Accepted by: jhelfric  
9/20/2010

Permittee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **DUGOUT CANYON MINE**  
 Address: **PO BOX 1029, WELLINGTON UT 84542**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

9,751.00	Total Permitted
108.70	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:

Walked the Dugout Topsoil storage area. See photographs of the stockpiles in the 09162010 folder.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Thursday, September 16, 2010

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

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**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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

There exist four stockpiles at the Dugout portion of the Soldier Canyon Storage Area (Plate 2-3). The first pile was created during Phase I construction. The second stockpile was created during Phase II construction of the mine site (permit issued on 10/16/98). A third pile contains riparian soils from the Gilson water well development. The fourth pile created during substation construction is part of the soil/rock storage area specified on Plate 2-3. All piles are signed. The two large Dugout stockpiles are dominated by wild mustard and Russian thistle. Although undesirable, these plants do provide upwards of 90% cover on the piles and are protecting the soil from erosion. More desirable species, such as Cleome, Asteraceae, Chrysothamnus, and Artemesia are moving in from the perimeter of the piles. Cheat grass is present on the piles but is not a large component of cover. Grasses are doing well in the more shaded areas between piles. The smaller piles at the site are well vegetated with grasses and Chrysothamnus.

The Soldier Canyon topsoil stockpile has had no further treatments since those reported in Inspection Report 2107, dated August 18, 2009, and the pile was not reseeded in 2009. Growth on the soldier canyon pile is predominantly russian thistle and a wheat grass species. There is cheatgrass present, but it has been reduced to approximately 10% cover.