

**From:** Priscilla Burton  
**To:** Gregg Galecki  
**CC:** Helfrich, Joe; Steab, Suzanne  
**Date:** 11/3/2010 4:41 PM  
**Subject:** 007005 Skyline, Outgoing, Insp Rpt 2524  
**Attachments:** Insp 2524\_20101103150605.pdf

Hello Gregg,

Attached is the inspection report for my site visit on October 13, 2010. How's it coming? Did you beat the last storm?

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	Gregg Galecki

# Inspection Report

Permit Number:	C0070005
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, October 13, 2010
Start Date/Time:	10/13/2010 9:00:00 AM
End Date/Time:	10/13/2010 11:30:00 AM
Last Inspection:	Thursday, September 09, 2010

Inspector: Priscilla Burton,

Weather: su, 65

InspectionID Report Number: 2524

Accepted by: jhelfric  
11/2/2010

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SKYLINE MINE**  
 Address: **HC 35 BOX 380, HELPER UT 84526**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

11,064.00	Total Permitted
121.97	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:

Toured the Winter Quarters construction site with Nelco construction Foreman Scott Seegmiller.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Wednesday, October 13, 2010

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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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**

Almost all of the topsoil has been salvaged and is in position (see Dwg. 3.2.4-3A Sheet 1 and 3.2.4-3C Sheet 3 of 9). The stream is protected from the topsoil by a silt fence. A berm will be constructed to surround the pile within the silt fence after topsoil pile construction is complete, as will the sediment trap shown on Dwg 3.2.4-3F. Seed has been ordered and will be broadcast when topsoil construction is complete. Mr. Galecki indicated that the mix was altered somewhat from that in the MRP due to availability. A copy of the revised seed mix was obtained and is attached to this report. For as-built purposes, Mr. Galecki was asked to verify the slope angle of the topsoil stockpile and provide a final volume of topsoil salvaged from the site.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

A silt fence was installed along the length of the streamside disturbance. Road ditches are roughed in. The sediment pond has been roughed in, but construction of inlet and spillway is not complete (Dwg. 3.2.4-3D & E). Upper road undisturbed culvert is not yet installed (Dwg 3.2.4-3E).

### **12. Backfilling And Grading**

The Winter Quarters pad is under construction. Nelco has a crew of 9 constructing the welded wire, crib wall (Dwg 3.2.4-3F). A grizzly is sorting rock from the cut material. The finer grains are being compacted into a gabion type structure that is 8 feet wide. The welded wire wall is currently eight feet high and will rise another 10 ft or so (Dwg 3.2.4-3B). Each one foot lift is being compacted to 95% density. Nuclear density probes are being used to check the compaction. The foot print of the pad site was surveyed and staked.

#### **16.a Roads: Construction, Maintenance, Surfacing**

A maintenance agreement for the paved County road is part of the mine's conditional use permit. The private road beyond County ownership has not been improved. Beginning at the Section 6 line, Winter Quarters road has been improved with culvert installations, and road base and gravel surfacing (Dwg 3.2.11-B-1).

### **18. Support Facilities, Utility Installations**

Location of power line structures are surveyed and marked. Powerline to be constructed by Rocky Mountain Power.

Skyline Winter Quarters topsoil Stockpile Insp Rpt # 2524 10-13-2010

**Arch Coal Topsoil Stockpile Mix**

Purity	Mixture Contents	Origin	Germ/Hard
32.13%	Antelope Bitterbrush, VNS	ID	71%
23.04%	Winterfat	UT	27%
14.40%	Rydbergs Penstemon, VNS	UT	36%
8.74%	Mountain Brome, Garnet	OR	91%
5.70%	Bluebunch Wheatgrass, Anatone	WA	91%
4.41%	Slender Wheatgrass, Revere	UT	94%
0.02%	Crop		
7.13%	Inert		
0.02%	Weed		

No Noxious Found  
Oldest Test Date: 10/23/2009

Skyline Mine  
HC 35 Box 380  
Helper, UT 84526  
PO #Greg G.  
Lot #23432  
Net Weight 22.32 Lbs.