

Outgoing  
CO410002  
K

**From:** Priscilla Burton  
**To:** LRoberts@archcoal.com; OGMCOAL  
**CC:** Steab, Suzanne  
**Date:** 6/16/2011 8:44 AM  
**Subject:** 0410002 SUFCO Outgoing Insp. Rpt. 2774  
**Attachments:** Attached Image

Hello Leland,  
The report of my site visit on June 7, 2011 is attached.  
Priscilla.

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



# 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:	C0410002
Inspection Type:	TECHNICAL
Inspection Date:	Tuesday, June 07, 2011
Start Date/Time:	6/7/2011 1:30:00 PM
End Date/Time:	6/7/2011 3:30:00 PM
Last Inspection:	Monday, June 06, 2011

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Leland Roberts

Inspector: Priscilla Burton

Weather: sun 75 F

InspectionID Report Number: 2774

Accepted by: jhelfric

6/14/2011

Permittee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SUFCO MINE**  
 Address: **597 SOUTH SR24, SALINA UT 84654**  
 County: **SEVIER**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

720.48	Total Permitted
48.43	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:

Observed soil excavation from the mine pad for construction of the subsurface west lease belt portal entrance. Based upon cohesion and strength, the material was rejected for use in construction at the mine yard, creating a larger than anticipated volume to be stored at the waste rock site. The entire excavation is projected to yield 5,000 cu yds (Internal File, 03282011.pdf). To date, the contractor (Pro-Industrial) has hauled approximately 1,000 cu yds to the waste rock site for placement in either the subsoil stockpile or waste rock pile (determined by color). Placement in subsoil stockpile to be confirmed by expedited lab analysis 1 composite sample/2,000 cu yds hauled). Photos in the image folder dated 06072011.

Inspector's Signature: Priscilla Burton

Priscilla Burton,

Inspector ID Number: 37

Date: Wednesday, June 8, 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

Unanticipated volumes of substitute topsoil are being salvaged and stored at the waste rock site. An existing topsoil storage pile at the north end of Lift #5 had been disturbed, with prior approval from Daron Haddock (personal communication with L. Roberts on 6/6/2011). Topsoil has been stripped from an area just south of the topsoil/subsoil stockpile at the Waste Rock site (Vol 3, Map 2) to enlarge the subsoil stockpile, within the disturbed area boundary. This topsoil has been temporarily stored in a windrow between the County Road and the topsoil/subsoil stockpile.

Excavated pad soil is being evaluated by color for placement in the subsoil stockpile and will be composite sampled for suitability, 1 sample/2,000 cu yds. (Volumes are being recorded by truck loads). Similarly waste rock will be analyzed and suitable material will be transferred to the subsoil stockpile. Analysis will be expedited and will be included in an as-built report that will update the MRP. This update to the MRP will also include an as-built construction map of the waste rock site and an updated narrative of the final placement volumes and locations of topsoil and subsoil stockpiles at the waste rock site.

Subsoil is being end-dumped onto the surface of the subsoil stockpile and pushed with a dozer. Vegetation was not removed from the subsoil prior to placement. The material on the slopes lies at the angle of repose on the slopes.

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

Material excavated from the portal construction is being added to the waste rock lift #5 (Vol 3, Map 4). Caved roof material removed from old works is temporarily stockpiled just west of the entrance to the mine entry portal. This shaly waste (estimated to be 300 cu yds thus far) will be hauled to the waste rock site.

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

Imported fill will be required for backfilling around the subsurface concrete box to create a stable surface for facilities construction.

### **22. Other**

Two track hoes were excavating the pad fill to construct the subsurface west lease belt line portal (portal #1 described in App. 5-10). During the inspection, Pro-Industrial was working 50 feet from the south end and 25 feet from the north end of the 300 ft concrete portal length (Task 3780, Construction Drawings). To date, the contractor has hauled approximately 1,000 cu yds to the waste rock site for placement in either the subsoil stockpile or waste rock pile (determined by color and to be confirmed by lab analysis 1 composite sample/2,000 cu yds hauled). Based upon cohesion and strength, the material was rejected for use in construction at the mine yard, creating a larger than anticipated volume to be stored at the waste rock site. The entire excavation is projected to yield 5,000 cu yds (Internal File, 03282011.pdf).