



# 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:	<b>C0410002</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 17, 2013
Start Date/Time:	9/17/2013 10:30:00 AM
End Date/Time:	9/17/2013 12:30:00 PM
Last Inspection:	Thursday, August 22, 2013

Representatives Present During the Inspection:	
Company	Amanda Richard
Company	Vicky Miller
OGM	Joe Helfrich

Inspector: Joe Helfrich

Weather: sunny mild slight breeze

InspectionID Report Number: 3609

Accepted by: jhelfric  
10/1/2013

Permitee: **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	<b>Total Permitted</b>
48.43	<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:

The purpose of this site visit was to conduct a complete inspection at the SUFCO mine. The mine is currently active and mining is ongoing in 2R, 2S of the west lease area.

There are 5 amendments either being reviewed by the operator or under review by the Division. They include by task #: 4398 Asphalt paving of upper yard, review due by 9/27. The remaining 4 are operator responses due in October and November, they include:  
 4367, 3R2S Panel B, permittee is waiting for SHPO concurrence with the Forest Service.  
 4395 Subsoil as-builts, due from the permittee on 11/13  
 4393, Overflow Sed Pond as-builts, due from the permittee on 11/13 and  
 4394 Lift 5 Expansion, due from the permittee on 11/19

Inspector's Signature

*Joseph C. Helfrich*  
Joe Helfrich,

Date Thursday, September 19, 2013

Inspector ID Number: 1



**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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" 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 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 permit was issued on 5/21/2007 and renewed effective 5/21/2012 for five years. See the Inspection Report Summary Statement section of this report for an update on the status of amendments that are being processed either by the Division or Permittee.

## **2. Signs and Markers**

Signs containing the required information were posted at the entrance to the mine site.

## **3. Topsoil**

The Subsoil as-builts, task # 4395 are due on November 13. No other topsoil or subsoil issues were noted during the inspection.

### **4.a Hydrologic Balance: Diversions**

Routine maintenance on the diversion ditch at the base of the waste rock disposal area was seceduled for the 18th of September.

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

The primary, overflow, and waste rock sediment ponds were inspected on May 13th and June 26th for the second quarter showing no hazzards or structural weaknesses. The measurements varied but they were all below the 60% cleanout level. The primary sed pond 001 has been cleaned out.

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

ASCAs associated with the subsoil stockpile appeared to be in good repair and functioning adequately.

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

Water monitoring data for the second quarter of 2013 was available for inspection.

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

There were no discharges from point 001A and no exceedances from points 002A and 003A. Hard CC's of the monitoring data for these points were available and current through 9/16/2013.

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

Task # 4394 Lift 5 Expansion is due from the permittee on 11/19.

## **14. Subsidence Control**

Visual subsidence surveys for the South Fork of Quitchupah are being conducted bi-weekly.

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

The new haul road from the mine to highway 10 is operational.

**18. Support Facilities, Utility Installations**

The permittee is working on an amendment to add a blending facility between the primary sediment pond and the new haul road.

**19. AVS Check**

Revisions to Chapter 1 were received by the Division on March 13, 2013 with the annual report and the MRP has been updated.

**20. Air Quality Permit**

The air quality permit is in effect as of May 2006 and renewed 03/30/2011 to include the west lease conveyor. The permit is listed in appendix 4-4 of the MRP.

**21. Bonding and Insurance**

The bond was reduced during the mid-term review to 2,874,000. Insurance is current through 07/31/2014.