



# 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, June 24, 2014
Start Date/Time:	6/24/2014 8:30:00 AM
End Date/Time:	6/24/2014 11:30:00 AM
Last Inspection:	

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

Inspector: Joe Helfrich

Weather: sunny warm 75

InspectionID Report Number: 3899

Accepted by: JHELFRIC

7/9/2014

Permittee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SUF CO 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>
49.66	<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 SUFCO's Convulsion Canyon mine. The mine is currently active and mining is ongoing in 2R, 2S of the west lease area. There is one pending amendment. The undermining of shelters task 4601 was returned to the permittee as the regulations require the angle of draw to include all mining and the permittee has only included the length of the longwall panel.

Inspector's Signature:

*Joseph C. Helfrich*  
Joe Helfrich,

Date

Wednesday, July 09, 2014

Inspector ID Number: 1

**Note:** This inspection report does not constitute an official statement of compliance with the regulatory program of the Division of Oil, Gas and Mining. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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

Topsoil from the pie waste rock expansion has been properly stockpiled

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

With the inclusion of the waste rock expansion some minor adjustments to the disturbed and undisturbed diversions have been made in accordance with the approved MRP.

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

The primary, overflow, and waste rock sediment ponds were inspected for the first quarter of 2014 showing no hazards or structural weaknesses. The measurements varied but they were below the 60% cleanout level.

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

Water monitoring data is not required for the first quarter of 2014. The sites are inaccessible through the deep snow pack.

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

DMR's were current through April of 2014. 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 for review.

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

Lift 5 is currently active. Additional waste rock locations are currently being evaluated. First quarter refuse pile inspections were available for review. The waste rock site is stable and showed no signs of structural weakness.

## **8. Noncoal Waste**

This type of material is being properly handled at the mine site.

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

The data from the may raptor survey had not been submitted at the time of the inspection. There were some active nests and a follow up inspection for the first week of July.

**18. Support Facilities, Utility Installations**

**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 07/31/2015.