



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

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# Inspection Report

Permit Number:	C0410002
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 27, 2011
Start Date/Time:	09/27/2011 10:00:00 AM
End Date/Time:	09/27/2011 2:00:00 PM
Last Inspection:	Wednesday, August 17, 2011

Representatives Present During the Inspection:	
Company	Mike Davis
OGM	Joe Helfrich

Inspector: Joe Helfrich,

Weather: Sunny 65 slight breeze

InspectionID Report Number: 2882

Accepted by: jhelfric

09/29/2011

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	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:

The purpose of this site visit was to conduct a complete inspection of SUFCO's Convulsion Canyon mine. The company had just completed a longwall move and is in the process of constructing two portal tunnels and a conveyor for the development of the west lease beltline and portals.

Inspector's Signature:

Joe Helfrich,

Inspector ID Number: 1

Date

Thursday, September 29, 2011



Note: This Inspection Report does not constitute an affidavit 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](http://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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The current DOGM permit C/041/0002 was issued effective 05/21/2007 and expires 05/21/2012. The mine is preparing an amendment for the south fork of Quitcuhp and an amendment for the expansion of the waste rock pile to be submitted sometime in October.

**2. Signs and Markers**

A sign with the required information was posted at the entrance to the mine.

**3. Topsoil**

Topsoil and subsoil from the development of the portals has been stockpiled in two separate areas near the waste rock pile. When completed the piles will be contoured pocked and seeded.

**4.a Hydrologic Balance: Diversions**

Diversions in and around the mine site, wasterock and topsoil piles were in good repair and functioning as designed.

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

There are two sediment ponds below the mine site each designed to contain the design storm, (10yr/24hr event), for the disturbed area associated with the mine yard and surface facilities. The quarterly inspections were completed on 06/06/2011 and showed no hazzards or signs of weakness. The upper pond was cleaned out during the first week of September. The ponds are designed to function independently or together.

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

There is a complete containment pond for the wasterock site that is in good repair. There are also several diversions for the topsoil pile that direct runoff to a catchment structure.

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

Data for the 2nd quarter of 2011 has been submitted electronically to the Division on 9/26/2011. Hard copies of the data and summaries wer available for inspection at the mine. Effluent wet test data was also available for inspection. Both sets of data appeared to be in compliance with the required parameters.

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

DMR's were current through August of 2011. The UPDES permit was renewed effective 10/01/2011.

**6. Disposal of Excess Spoil, Fills, Benches**

Waste rock from the portal and tunnel development has been placed at the waste rock disposal site

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

The second quarter 2011 refuse pile inspection was done on 06/30//2011.

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

The golden eagle found at the mine is being trained to catch its own food at the Second Chance Rehabilitation center in Price. Once that has been completed the bird will be released near the mine.

**12. Backfilling And Grading**

Once the tunnels have been completed they will be covered and brought up to the grade of the existing mine yard. The warehouse will be located over the tunnels.

**13. Revegetation**

when the areas associated with the development of the west lease portals have been completed redistributed and stockpiled topsoil will be seeded.

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

The access road from the mine to I 70 has been resurfaced.

**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 as appendix 4-4 in the MRP.

**21. Bonding and Insurance**

The bond was reduced during the mid-term review to 2,874,000. Insurance is current through 07/31/2012.