



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

#### Representatives Present During the Inspection:

Company	Mike Davis
OGM	Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0410002
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, December 05, 2007
Start Date/Time:	12/5/2007 9:10:00 AM
End Date/Time:	12/5/2007 12:15:00 PM
Last Inspection:	Monday, November 26, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: Cold, overcast; some sun in afternoon.

InspectionID Report Number: 1490

Accepted by: dhaddock *dh*  
12/10/2007

Permittee: **CANYON FUEL COMPANY LLC**  
 Operator: **CANYON FUEL COMPANY LLC**  
 Site: **SUFCA MINE**  
 Address: **397 S 800 W, SALINA UT 84654**  
 County: **SEVIER**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

26,766.95	Total Permitted
27.36	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 Permittee is current relative to electronic water monitoring submittals for 2007; third quarter data is currently being entered into the Division electronic data base pipeline. A few monitoring sites remain for fourth quarter field monitoring. There are no pending compliance actions for this site.  
 The State issued DOGM permit was renewed on May 21, 2007.  
 The SUFCA Mine permit area is snow covered.

Inspector's Signature: \_\_\_\_\_

*Pete Hess*

Pete Hess, Environmental Scientist III  
 Inspector ID Number: 46

Date: Friday, December 07, 2007

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

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

The Mine site sediment pond received its third quarter inspection on September 6, 2007 by Mr. Byers. There were no structural weaknesses observed. According to the inspection report, the pond had 0.22 acre feet of storage capacity remaining prior to reaching the 60% cleanout elevation. The pond is frozen on the surface, but continues to discharge.

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

The water gauge at the SUFCO Mine site recorded 0.66 inches of water in October, 0.04 inches in November, and to date, 0.58 inches of water during December, 2007. For this water year, the Sufco Mine site area is at 39% of normal.

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

The Permittee reported to the Division this day that the November 8, 2007 water sample taken at UPDES outfall 002A exceeded the seven day average effluent parameter for total suspended solids by 3 mg/l. 35 mg/l is the maximum limit established within the UPDES permit. Discharge monitoring reports for October 2007 were reviewed. 002A and 003A reported no exceedances; all reports were submitted on November 26, 2007, in accordance with the reporting requirements established within the UPDES permit. Mr. Jeff Studenka of the Utah Division of Water Quality had recently visited the SUFCO site.

#### **5. Explosives**

No blasting has been conducted on the surface.

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

Mr. John Byers, P.E. conducted the third quarter of 2007 inspection for the roadside waste rock disposal area on September 8, 2007. There were no signs of structural weakness observed during that inspection, nor were there indications of spontaneous combustion or other hazards noted. The active lift (#4) was snow covered this day. A culvert has been installed at the access road / County road junction where new construction activities will occur for development of the next waste disposal lift. The third quarter 2007 waste rock pile inspection was P.E. certified by Mr. Byers on September 21, 2007. The cable gate was closed; the MSHA identification sign is in place. No activity will occur at this site until ground conditions improve in the spring. The waste rock sediment treatment pond was inspected on September 8, 2007. The pond retains sufficient sediment storage capacity. The slopes are stable. Both the waste rock pond and its in-series decant impoundment were snow covered this day.

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

The Permittee submitted the completed report, "An Assessment of the Macroinvertebrates of Box Canyon, Sevier County, Utah, October, 2006" authored by Dr. Dennis Shiozawa for insertion into the 2006 Annual Report for the SUFCO Mine on November 15, 2007.

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

The Permittee was backfilling the road in front of the main electrical substation to maintain the access to the 300,000 gallon water tank, chlorinator building and the buried water tank above the site. To date, the concrete retaining wall which will provide stability for the outslope of this short length of road has not been started.

**16.b Roads: Drainage Controls**

The water bars on the access road to the Mine site sediment pond had been enhanced prior to today's inspection; gravel had also been placed in the toe ditch between the bars to minimize erosion.

**18. Support Facilities, Utility Installations**

Access to the lower Canyon and the disturbed areas in Link Canyon was not possible this day due to snow covered roads. The re-location of the ambulance garage to the shop area has not been initiated.

**21. Bonding and Insurance**

The current general liability insurance remains in effect until July 31, 2008. The reclamation bond for the disturbed areas at the SUFCO Mine was revised in July of 2007 and established at \$2,631,000. The posted bond amount is \$ 4,439,000. These were approved by Division review on August 8, 2007.