



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

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PAL  
by  
SJD

Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 09/25/2001 / 10:00 - 14:00  
Date of Last Inspection: 08/07/2001

Mine Name: SUFCO Mine County: Sevier Permit Number: C/041/002  
Permittee and/or Operator's Name: Canyon Fuel Company  
Business Address: 397 South 800 West, Salina, Utah 84564  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Mike Davis  
State Official(s): Karl R. Houskeeper, Stephen J. Demczak Federal Official(s): None  
Weather Conditions: Clear, 70's  
Existing Acreage: Permitted 24,632.95 Disturbed 27.364 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" 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 RELATE ENVIRONMENTAL ISSUESD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 (4 <sup>th</sup> Quarter- April, May, June)	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/041/002

DATE OF INSPECTION: 09/25/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has submitted an amendment to the Division pertaining to the expansion of the water and sewer system. Several deficiencies need to be addressed.

The permit area 24,632.95 acres and the disturbed area is 27.364 acres, as indicated on the new reclamation agreement.

### 2. SIGNS AND MARKERS

The disturbed area markers were spot-checked and meet the requirements of the Coal Rules.

### 3. TOPSOIL

The topsoil pile at the waste rock site was inspected with no signs of erosion. Vegetation has begun to grow on the topsoil pile.

The topsoil pile at Link Canyon was inspected with no signs of wind and water erosion. This topsoil pile is protected by a berm.

### 4A. HYDROLOGIC BALANCE: DIVERSIONS

Several diversions were spot-checked. No problems were noted. No water was flowing at the time of the inspection.

### 4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The mine site sediment pond was inspected with no hazardous conditions being noticed. The mine site pond has just been cleaned, it contained water but was not discharging. The second quarter sediment pond inspection was reviewed with no hazardous conditions being reported. The report was P.E. certified. The report was dated June 18, 2001.

The rock waste pond was cleaned at the same time as the mine site pond. The second quarter sediment pond inspection was reviewed with no hazardous conditions being reported. The report was P.E. certified. The report was dated June 14, 2001.

### 4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The Permittee uses silt fences as the main treatment for alternate sediment control areas. The silt fences were functioning as designed and were treating the water.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/041/002

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### 4D. HYDROLOGIC BALANCE: WATER MONITORING

Prior to the inspection, the water monitoring was reviewed by using the Water Database System. The permittee has submitted first quarter water information to the Division. The first quarter information complied with the requirements in the Mining and Reclamation Plan and the R645 Coal Rules. The second quarter water monitoring is in the process of being submitted electronically, but some problems exist with the defaults. The third quarter samples are almost completed and the information will be sent to the Division electronically by the end of the fourth quarter.

### 4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The UPDES Permit for SUFCO is UT0022918. The permit is effective May 1, 2001 and will expire on April 30, 2006.

There are three outfalls on this permit, they are listed below:

001 - Discharge of mine water from six-inch pipe.

002 - Twelve-inch discharge pipe outlet of the sediment pond (mine site).

003 - Twelve- and six-inch discharge pipe at a mine breakout going to Quitchupah Creek.

The Discharge Monitoring Reports (DMR) for August were reviewed. Outfall 001 had no discharge and outfalls 002 & 003 discharged with no problems noted.

### 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The refuse pile was inspected and no hazardous conditions were noted. The waste rock site was covered. The second quarter inspection was done on June 14, 2001. This inspection was P.E. certified with no report of any hazardous conditions.

### 8. NONCOAL WASTE

The area was free of noncoal waste material.

### 14. SUBSIDENCE CONTROL

The subsidence monitoring is in the Annual Report 2000.

### 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

No construction was occurring at the SUFCO mine.

**INSPECTION REPORT**

(Continuation sheet)

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**20. AIR QUALITY PERMIT**

The Air Quality Permit number is DAQE-714-98, issued October 28, 1998. This permit allows the permittee to mine 8,000,000 tons of coal in a twelve-month interval. The entire mine site area is covered in coal dust. A few areas have been watered to keep the dust down, but the majority of the area is dry.

**21. BONDING AND INSURANCE**

The insurance accord form was inspected and meets the requirements of the R645 Coal Rules. The policy will expire on July 31, 2002. The insurance company is Federal Insurance Company.

The Reclamation Agreement (#4005A1915) is through St. Paul Fire and Marine Insurance Company. This agreement has been reviewed by the Division. The permittee has updated the disturbed and permit areas within the agreement. The mine is bonded for \$4,439,000.

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

*Karl R. Houskeeper*  
Karl R. Houskeeper #49

Date: September 26, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM  
Ken May, Canyon Fuel  
Price Field office

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