



The State of Utah
 Department of
 Natural Resources
 Division of
 Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

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Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

Company Mike Davis

Inspection Report

Permit Number:	C0410002
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, November 19, 2003
Start Date/Time:	11/19/2003 10:00:00 AM
End Date/Time:	11/19/2003 3:00:00 PM
Last Inspection:	Sunday, October 19, 2003

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear; temperature in thirties, Fahrenheit

InspectionID Report Number: 112

Accepted by: pgrubaug
 12/05/2003

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

Current Acreages

24,632.95	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:

An inspection of the East Fork of Box Canyon (currently being undermined by the 3 Left off of Pines East long wall panel) was conducted. Messrs. Henry Austin and Howard Strand of the USDO/OSM/WRCC were in attendance during today's inspection. The purpose of the inspection was to note any impacts to the stream channel, which is classified as perennial along certain areas of its length. Where the channel was visible, it was frozen, although flow could be heard and/or seen under the surface ice. The portal breakout in Link Canyon was also inspected on this day.

Inspector's Signature: _____

Date Wednesday, November 26, 2003

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

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

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.c Hydrologic Balance: Other Sediment Control Measures

The Link Canyon pad area utilizes gravel as one method of sediment control. Previous inspections had noted that this protection was thin in certain areas, and that additional gravel was needed to bring it up to standard. The permittee has placed additional gravel on the access road from the gate to the west entrance to the Mine.

4.d Hydrologic Balance: Water Monitoring

As noted above, the East Fork of Box Canyon was inspected this day. The permittee initiated secondary extraction in the 3 Left Pines East long wall panel during the first week of November. Based on a face location projected to 11/19, the permittee has, to date, extracted approximately 840 feet of the 3Left panel. The Elusive Peacock shelter was undermined on November 13th. As of 11/19, the only stream monitoring point which had been undermined was EFB 11. Snow depths in this area prevented a visual determination that the channel had been impacted. Based upon a map provided by the permittee, it was determined that on 11/19, the location of the long wall face was approximately 100 feet outby EFB 11. The group entered the East Fork at the confluence directly north of monitoring location EFB 06. Although the stream channel was ice covered, flow was visible at monitoring point EFB 07. EFB 08 was snow covered. The springs at locations EFB 12 and EFB 13 were both observed to be flowing. Where not under snow, the channel was observed to be carrying flow.

8. Noncoal Waste

Relative to the Link Canyon portal area, no problem with noncoal waste existed.

9. Protection of Fish, Wildlife and Related Environmental Issues

There was not any water accumulated in the West entrance of the Link Canyon portal.

10. Slides and Other Damage

The Elusive Peacock shelter, which is located on the right side of the East Fork of Box Canyon (as one looks north) was undermined on November 13. The permittee had set cribs in the lower shelter, as an attempt to support the structure. The permittee has monitored the condition of the structure prior to under mining. As noted on 11/13 by the permittee the outby end of the lower shelter had failed. As Observed on 11/19, damage to the outby ends of the overhangs of both the upper and lower shelters had occurred. The shelter was still working during the course of today's inspection of the area. One new crack was noted in a sandstone outcrop on the right side of the drainage, approximately 200 feet WNW of the Elusive Peacock shelter. The crack was approximately 20 feet in length, and had a one inch width.