



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:	C0070018
Inspection Type:	COMPLETE
Inspection Date:	Thursday, November 13, 2014
Start Date/Time:	11/13/2014 7:00:00 AM
End Date/Time:	11/13/2014 3:30:00 PM
Last Inspection:	Tuesday, July 29, 2014

Representatives Present During the Inspection:	
Company	David Spillman
Company	Bill King
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Overcast/Light Snow, Temp. 27 Deg. F.

InspectionID Report Number: 4019

Accepted by: JHELFRIC
12/1/2014

Permitee: **CANYON FUEL COMPANY**
 Operator: **CANYON FUEL COMPANY**
 Site: **SOLDIER CANYON MINE**
 Address: **PO BOX 1029, WELLINGTON UT 84542**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

6,624.64	Total Permitted
24.32	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:

Karl R. Houskeeper

Inspector's Signature:

Karl Houskeeper,
Inspector ID Number: 49

Date Thursday, November 13, 2014



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 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 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 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 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 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 type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" 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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Permit C/007/0018 from the Division of Oil, Gas & Mining effective February 3, 2012 and expires February 3, 2017. This permit also requires electronic submission of all water quality information into the Division's Water Quality Database.

Air Quality Permit DAQE-334-94 became effective on April 25, 1999 and still remains effective to present date.

UPDES Permit UT-0023680 became effective on September 1, 2011 and expires at midnight on August 31, 2016.

The Soldier Canon Mine Site has a SPCC Plan in place. The plan is dated October 2010. This plan was revised dated December 2011. The plan is P.E. dated, Stamped and signed by a Utah P.E. on November 14, 2012.

Reclamation Agreement for the Soldier Canyon mine was signed by both parties on June 8, 2000.

The insurance for the Solider Canyon Mine is through National Union Fire Insurance Company. The policy is effective beginning February 1, 2014 and expires on February 1, 2015. This policy included explosion coverage. The minimum insurance levels have been met. The policy holder is listed as the State of Utah. The cancellation clause is acceptable to the Division.

2. Signs and Markers

The Topsoil pile is shared with the Dugout Canyon Mine. The identification sign located here has been shot up and portions were not legible. Bill King spot repaired the sign with a magic marker making it legible until a new sign could be acquired to replace the current sign, thereby avoiding enforcement action.

All other mine identification signs were located at points of public access into the mining permit area. The identification signs were compared with the information in the General Chapter one of the official approved MRP kept on file with the Division. These signs were found to match the information in the MRP and contain all of the required information in the Utah R645 Coal Rules. These signs were found to be compliant.

3. Topsoil

See Item 2.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Two problems were noted. The existing sediment elevation is not listed. Reference is made as to the amount of freeboard until the sediment level reaches the 60% clean level, but the regulations and report require a physical elevation. The Division inspector requested that Dave Spillman revise the reports. In addition the reports have only been submitted to the Division one a year through the Annual Report. The regulations require that they be submitted immediate after there completion to the Division. This regulation has not been followed in the past. The Division inspector requested that this policy be followed in the future.

Sediment pond Inspections are as follows:

First Quarter 2014 on March 17, 2014.

Second Quarter 2014 on April 11, 2014.

Third Quarter 2014 on September 4, 2014.

No problems were noted on any of the referenced months.

4.e Hydrologic Balance: Effluent Limitations

The discharge monitoring reports for August and September 2014 were reviewed during the complete inspection. No discharges occurred for any of the referenced months.

8. Noncoal Waste

Several items of noncoal waste were observed during the inspection. Bill King made note of these items so he could return and gather them. The items were not gathered at the time of the inspection do to the heavy truck traffic on the nine mile road.

20. Air Quality Permit

Air Quality Permit DAQE-334-94 became effective on April 25, 1999 and still remains effective to present date.

21. Bonding and Insurance

Current bond is \$1,593,000.00



**CANYON FUEL COMPANY LLC
SOLDIER CANYON MINE**

**225 North 5th Street, 9th Floor
Grand Junction, Colorado 81501**

Tel. No. 970-263-5130

**MSHA SOLDIER CANYON NO. 42-00077
ACT 007/018**

Mine ID Sign at Topsoil Pile



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Mine ID Sign at Topsoil Pile after Enhancement