



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:	Tuesday, July 29, 2014
Start Date/Time:	7/29/2014 9:00:00 AM
End Date/Time:	7/29/2014 2:00:00 PM
Last Inspection:	Thursday, June 19, 2014

Inspector: Steve Demczak

Weather: Sunny, 80's, humid

InspectionID Report Number: 3914

Accepted by: JHELFRIC

8/4/2014

Representatives Present During the Inspection:	
	David Spillman
OGM	Steve Christensen
OGM	Joe Helfrich
OGM	Steve Demczak

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:

The site is idle and is more of a storage area of mining equipment.

Permit Condition: Canyon Fuel Company has just one permit condition for the Soldier Canyon Mine; to submit water quality data in an electronic format through the Electronic Data Input web site.

Permitting Actions: None

A mid-term review was also conducted during the inspection.

Stephen J.
Demczak

Digitally signed by Stephen J. Demczak
 DN: cn=Stephen J. Demczak, o, ou,
 email=stevedemczak@utah.gov, c=US
 Date: 2014.08.04 13:32:32 -06'00'

Inspector's Signature:

Steve Demczak,
Inspector ID Number: 39

Date Thursday, July 31, 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 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 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 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 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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"/>

1. Permits, Change, Transfer, Renewal, Sale

No permitting action is currently being processed with the Division for Soldier Creek Mine. The permit will expire on Feb. 03, 2017. The SPCC plan was last updated on October 11, 2011. The UPDES permit will expire on August 31, 2016. The UPDES permit number is UT0023680. The Air Quality permit is DAQE-334-94.

2. Signs and Markers

The identification sign was on the side of the main road overlooking the sediment pond. The information addressed the requirements of the R645 Coal Rules.

3. Topsoil

The topsoil piles were inspected. There were no signs of wind or water erosion. The topsoil piles are protected by berms. The fourth topsoil pile from the main road had little to no vegetation. This was due to rabbits grazing on the grasses. The pile in my opinion still would need more vegetation even if the rabbits did not graze the topsoil pile.

4.a Hydrologic Balance: Diversions

All diversions were inspected. All culverts and diversions were open and would function during a storm event. Some minor maintenance was performed since June, 2014. The diversion map was used during the inspection. The map was up-to-date.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond was inspected. No hazardous conditions were noticed. However, portions of the sediment pond outslope of the embankment eroded into the stream. This happens during a major storm event. This is a common occurrence long the stream channel in this area. The permittee has reinforced this section of the embankment outslope. The question is will this prevent further embankment erosion. Currently the sediment pond is stable, with no hazardous conditions. If the sediment pond embankment continues to erode additional stability controls for the embankment will be needed.

4.c Hydrologic Balance: Other Sediment Control Measures

All ASCA areas were inspected. The permittee had installed new straw bales in a couple of areas. The ASCA areas were functioning as design. All sediment was treated in these areas.

4.e Hydrologic Balance: Effluent Limitations

The UPDES monthly reports were inspected. There were no discharges from any UPDES discharge point. I inspected April, May and June reports.

8. Noncoal Waste

The site was generally clear of non-coal waste materials. Some pop cans were inside the fence parking lot. Permittee will pick this material.

10. Slides and Other Damage

No slides or other damage was noticed during the inspection.

12. Backfilling And Grading

The portals are backfilled with fill material. Some vegetation has started to grow on the fill material.

15. Cessation of Operations

The mine site is inactive since 1999.

16.a Roads: Construction, Maintenance, Surfacing

The asphalt or concrete has been broken up in several areas.

16.b Roads: Drainage Controls

Drainage control is functioning as designed.

18. Support Facilities, Utility Installations

The main office is in poor condition. Rodents are within the building. Much of the support facilities would need major renovation primary due to vandals. Buildings have been broken into and copper wiring has been taken.

21. Bonding and Insurance

The insurance will expire on February 1, 2015. The insurance form meets the minimum requirements of the R645 Coal Rules. The mine site is bonded for the amount of \$1,593,000.