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GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

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:	C0410002
Inspection Type:	COMPLETE
Inspection Date:	Monday, June 17, 2013
Start Date/Time:	6/17/2013 1:30:00 PM
End Date/Time:	6/17/2013 3:30:00 PM
Last Inspection:	Tuesday, May 14, 2013

Inspector: Joe Helfrich

Weather: sunny warm windy

InspectionID Report Number: 3528

Accepted by:

Representatives Present During the Inspection:	
Company	Mike Davis
Company	Vicky Miller
OGM	Joe Helfrich

Permittee: **CANYON FUEL COMPANY**

Operator: **CANYON FUEL COMPANY**

Site: **SUFSCO MINE**

Address: **597 SOUTH SR24, SALINA UT 84654**

County: **SEVIER**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

720.48	Total Permitted
48.43	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 purpose of this site visit was to conduct a complete inspection at the SUFSCO mine. The mine is currently active and mining is ongoing in the west lease area.

Inspector's Signature

Joseph C. Helfrich
Joe Helfrich,
Inspector ID Number: 1

Date

Wednesday, June 26, 2013



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 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 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 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 Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The permit was issued on 5/21/2007 and renewed effective 5/21/2012 for five years. Taqsk 4367 (3R2S panel block B) and 4368 (subsoil as built) have been reviewed and returned to the company with several deficiencies.

2. Signs and Markers

Signs containing the required information were posted at the entrance to the mine site. New signs have been constructed for the top soil stock piles associated with the waste rock site.

3. Topsoil

The final configuration of the subsoil pile has been completed. Additional roughening on the top of the pile has been completed. The stockpile has been double seeded in accordance with the approved MRP. John Byars prepared the as-built map for the stockpile.

4.a Hydrologic Balance: Diversions

The diversion at the base of the subsoil pile has been reconstructed in a stair step fashion along the south east portion of the pile. As noted in the previous complete inspection if left in this configuration there is a strong likelihood that the diversion will not be able to withstand continued precipitation events without resulting in off-site deposition of subsoil material. It was suggested that the bypass culvert be plugged off and the undisturbed drainage be re-routed around the subsoil pile. This would enable the mine to construct a more linear diversion at the base of the subsoil pile. Adjustments to this portion of the diversion should be made with the submittal of the waste rock expansion amendment.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The primary, overflow, and waste rock sediment ponds were inspected on March 15th and 18th for the first quarter of 2013 and May 13th and June 26th for the second quarter showing no hazards or structural weaknesses. The measurements varied but they were all below the 60% cleanout level. The primary sediment pond 001 is scheduled to be cleaned out the week of July 15th. The inspection reports for the first quarter were received by the Division on March 27th July 2nd for the second quarter.

4.c Hydrologic Balance: Other Sediment Control Measures

The silt fences and ASCAS associated with the waste rock site were adequately maintained and in good working order at the time of the inspection.

4.d Hydrologic Balance: Water Monitoring

Surface water monitoring is not required for the first quarter of 2013.

4.e Hydrologic Balance: Effluent Limitations

There were no discharges from point 001A and no exceedances from points 002A and 003A. Hard CC's of the monitoring data for these points for Jan and Feb. of 2013 were available at the mine for inspection.

7. Coal Mine Waste, Refuse Piles, Impoundments

The waste rock site was inspected on May 1st, showing no signs of structural weakness, cracks, water impoundment, burning or instability. The report was received by the Division on July 2nd.

8. Noncoal Waste

Non coal waste is properly contained at the mine site.

14. Subsidence Control

Subsidence data has been submitted to the Division for review with the annual report information. An updated subsidence report with a map depicting subsidence contours was included in the annual report. The mine subsidence map accompanying the report shows surface control monuments, overburden contours, subsidence contours, surface tension cracks, and a current outline of the mine. Maps depicting 5 year mining projections and LMU mining progress were also included. Details for subsidence history, dormant and active areas, recent subsidence by area, draw angle surveys, tension cracks, and longwall subsidence profiles were included. Subsidence report is complete and concise as reviewed by James Owen.

16.a Roads: Construction, Maintenance, Surfacing

The new access road to highway 10 is currently under construction.

19. AVS Check

Revisions to Chapter 1 were received by the Division on March 13, 2013.

20. Air Quality Permit

The air quality permit is in effect as of may 2006 and renewed 03/30/2011 to include the west lease conveyor. The permit is listed in appendix 4-4 of the MRP.

21. Bonding and Insurance

The bond was reduced during the mid-term review to 2,874,000. Insurance is current through 07/31/2013.