



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:	Tuesday, August 18, 2020
Start Date/Time:	8/18/2020 7:00:00 AM
End Date/Time:	8/18/2020 3:00:00 PM
Last Inspection:	Tuesday, July 7, 2020

Representatives Present During the Inspection:	
OGM	Karl Houskeeper
Company	Vicky Miller

Inspector: Karl Houskeeper,

Weather: Clear Skies, Temp. 98 Deg. F.

InspectionID Report Number: 6752

Accepted by: SCHRISTE
9/14/2020

Permitee: **CANYON FUEL COMPANY**
 Operator: **CANYON FUEL COMPANY**
 Site: **SUF CO MINE**
 Address: **597 SOUTH SR24, SALINA UT 84654**
 County: **SEVIER**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

691.73	Total Permitted
96.42	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:

Vicky Miller with Wolverine was present during the complete inspection.

The remote site Link Canyon Substation and Portal were inspected see item 18.

Recent and past subsidence areas were visted during the complete inspection see Item 14.

Pictures were taken and ae attached as Attachment A of the PDF version of this inspection report.

Inspector's Signature:

Date Tuesday, August 18, 2020

Karl Houskeeper,
Inspector ID Number: 49

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 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 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 checked="" 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 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 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 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 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 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

A review of the required paper work for a complete inspection was conducted. The paper work review provided the following information:

The current DOGM Permit for the SUFCO Mine C/041/0002 became effective on May 21, 2017 and expires on May 21, 2022.

The current insurance Policy GL6576428 is through Imperium Insurance Co. Effective date is 05/01/20 and expires on 05/01/21. All required parameters have been met.

Reclamation agreement is dated 24 September 2018 and is signed by both parties.

SPCC plan is dated November 2016 and is signed, dated and stamped by a Utah P.E on 11/30/16. Plans are good for five years.

UPDES Permit UT0022918 became effective on February 1, 2018 and expires at midnight on January 31, 2023. There are three authorized outfalls.

Air Quality Permit N10665-0014 was issued on 1-28-13 and is still effective for the mine site.

Business License Is through Salina City, Business License #32 issued on January 1, 2020 and expires December 31, 2020.

2. Signs and Markers

The identification signs at Link Canyon and at the main facilities were viewed as part of the complete inspection. These signs contained the name, address, phone number and mining permit number of the operator Wolverine. Both signs were found to be in compliance with the requirements or the Utah Coal rules pertaining to mine identification signs.

3. Topsoil

Topsoil piles are identified by topsoil signs. Protection is provided by vegetation and earthen berms.

4.a Hydrologic Balance: Diversions

Diversions are open and functional.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The overflow sediment pond has been taken off line and is drying so that it can be cleaned later in this construction season.

Second quarter 2020 sediment ponds were inspected as follows:

Primary Sediment Pond done on 06/15/2020.
Overflow Sediment Pond done on 06/15/2020.
Waste Rock North Sediment Pond done on 06/12/2020.
Waste Rock South Sediment Pond done on 06/12/2020.

Notes on the sediment ponds indicate that the primary sediment pond has been cleaned and that the overflow sediment pond needs to be cleaned. The cleaning should take place between August and October.

4.e Hydrologic Balance: Effluent Limitations

Discharge monitoring reports are submitted to DEQ electronically. No problems were noted on the reports.

5. Explosives

Explosive area is signed and magazines are grounded.

7. Coal Mine Waste, Refuse Piles, Impoundments

The waste Roack site second quarter 2020 inspection was preformed on 06/12/2020.

The pile is well graded and compacted.

8. Noncoal Waste

The mine site was free of noncoal waste items.

10. Slides and Other Damage

See item 14.

14. Subsidence Control

As part of the complete inspection the access road leading to Link Canyon was taken off Hwy 10. This access road leads to the mountain top areas where subsidence has occurred.

Cliff spalling and subsidence cracks in the 4th Right 4th East and 3rd Right 4th East Longwall panel areas were viewed and pictures were taken. This subsidence occurred last year. The mine is working with USFS to make repairs as needed. These sites was visited by a team from the Division of Oil, Gas & Mining a few months ago. The pictures are attached as Attachment A of the PDF version of this inspection report.

The South Fork subsidence area was also visited during the complete inspection. Several cracks and the sink hole area were visited to evaluated the repair/reclamation work that was preformed. This subsidence occurred several years ago. The reclamation of the sink hole area looks good. Vegetation is establishing well. The subsidence cracks were filled by several methods including, gravel, wood logs, foam packs and mega blocks. Some of these cracks have absorbed the material and a lot remain completely healed. Pictures were taken of the South fork sink hole and subsidence cracks and is attached as Attachment A of the PDF version of this complete inspection report.

18. Support Facilities, Utility Installations

The Link Canyon Sub-Station and Portal areas were visited during the complete inspection. The area has identification signs to indicated the presents of the facilities. No problems were found at these sites.

20. Air Quality Permit

Approval Order #N10665-0014 from the Division of Air Quality was issued on 01/28/2013.

21. Bonding and Insurance

Bond is through Lexon Insurance Co which is indemnified by Iron Shore Indemnity Inc. Insurance Co. effective August 15, 2013. The bond was revised 08/19/2015 adding a rider to the original bond bringing the bond to \$3,944,000. The bond was revised again on 06/28/16 for the rock chute reconstruction. A rider was added on the 18th September 2018. The current bond amount is \$5,103,000.

ATTACHMENT A – Photos SUFCO August 18, 2020 site visit



PHOTO 1

SUFCO Link Canyon Identification Sign



PHOTO 2

SUFCO Link Canyon Substation



PHOTO 3

SUFCO Link Canyon Portal



PHOTO 4

SUFCO 4R4E Subsidence Spalling

ATTACHMENT A – Photos SUFCO August 18, 2020 site visit



PHOTO 5

SUFCO 3R4E Subsidence Spalling



PHOTO 6

SUFCO 3R4E Subsidence Crack in Road



PHOTO 7

SUFCO 3R4E Subsidence Crack in Road
(Split Rock)



PHOTO 8

SUFCO South Fork Subsidence Cracks

ATTACHMENT A – Photos SUFCO August 18, 2020 site visit



PHOTO 9

SUFCO Soth Fork Subsidence Cracks



PHOTO 10

SUFCO Soth Fork Subsidence Cracks



PHOTO 11

SUFCO Soth Fork Subsidence Cracks
(Mega Block Repair)



PHOTO 12

SUFCO Subsidence Sink Hole Repair/Reclamation

ATTACHMENT A – Photos SUFCO August 18, 2020 site visit



PHOTO 13

SUFCO Overflow Sediment Pond



PHOTO 14

SUFCO South Sediment Pond & Overflow Sediment Pond
((Over Flow Pond Drying to be Cleaned)