



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:	C0070016
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, April 07, 2015
Start Date/Time:	4/7/2015 12:00:00 PM
End Date/Time:	4/7/2015 4:00:00 PM
Last Inspection:	Tuesday, March 03, 2015

Representatives Present During the Inspection:	
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 50's, Windy

InspectionID Report Number: 4156

Accepted by:

Permitee: **CANYON FUEL COMPANY**
 Operator: **CANYON FUEL COMPANY**
 Site: **GORDON CREEK 2, 7 & 8 MINES**
 Address: **HC 35 BOX 380, HELPER UT 84526**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

179.27	Total Permitted
34.15	Total Disturbed
32.52	Phase I
32.52	Phase II
0.73	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:

Stephen J. Demczak

Inspector's Signature:

Steve Demczak,
Inspector ID Number: 39

Date Wednesday, April 08, 2015



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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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

There have been no amendments filed with the Division at this time. DOGM Permit will expire on August 27, 2019

2. Signs and Markers

The identification sign was updated. It meets the requirements of the R645 Coal Rules.

3. Topsoil

All topsoil was used in reclamation. There is a small area that has little or no topsoil. Black coal can be seen (see attached photos).

4.a Hydrologic Balance: Diversions

There are four cross-section diversions in the reclamation site. These four diversions enter into the main diversion which is on the left side of the property when facing the main gate into the property. There is one diversion on the left side at the top of the property. This diversion was snow packed (See pictures). Diversion #1 closest to the main gate needs extensive repair. The cross-section No. 1 diversion will need equipment for repairing it to design standards. It is deeply eroded caused by pervious storm event in late summer. Diversion No.2 is in good condition and is grass lined. No work is needed. Diversion No. 3 needs some work that can be done with labor only or equipment. It is not eroded as much as diversion No. 1. Diversion No. 4 is in good condition and no work is needed.

The main diversion on the left side facing the main gate needs maintenance is several areas, starting across from the main gate. There is deep erosion that had taken place from the storm event in late summer. The main diversion at the intersection of diversion No. 1 need repair work. The main diversion between cross-section diversion No.3 and No. 4 needs repair work due to erosion. I believe this work can be done by hand using shovels.

There is a depress area/diversion above cross-section diversion No.4 will transport water to the main diversion entering into the cattle pond. The area is extremely saturated with water. The water comes from a spring in the cutslope. The cutslope has failed slightly in this area and water is oozing out from the fail area.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

I inspected the cattle pond and no hazardous conditions were noticed. The cattle pond is incised. The pond did contain water but was not discharging.

4.c Hydrologic Balance: Other Sediment Control Measures

The reclaimed area was originally pocked. However there are throughout the property small minor land erosions (self made diversions). These are small less than 6 inches deep.

8. Noncoal Waste

Pieces of PVC blue pipe, aluminum culvert, and steel containers were observed on the reclaimed area.

9. Protection of Fish, Wildlife and Related Environmental Issues

There is evidence that elk have been in this area.

10. Slides and Other Damage

There are three minor slope failures. The areas are less than 5' X 10'. No work in my opinion is required.

12. Backfilling And Grading

The reclaimed area is backfilled and graded. It would meet AOC in my opinion. There is one small area which coal fines and chunks of coal are on the surface (See pictures).

13. Revegetation

The reclaimed site is well vegetated, but, there are areas that have sparse vegetative cover. The reclamation area above the cattle pond has a fair amount of thistle and should be removed.

21. Bonding and Insurance

The bond amount is currently \$171,000.

















































