



# 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:	C0070039
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 10, 2020
Start Date/Time:	9/10/2020 10:00:00 AM
End Date/Time:	9/10/2020 2:00:00 PM
Last Inspection:	Tuesday, September 8, 2020

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Amanda Daniels
OGM	Todd Miller
OGM	Justin Eatchel
Company	Vicky Miller
Company	Chris Hansen

Inspector: Amanda Daniels

Weather: Cloudy, Cold

InspectionID Report Number: 6774

Accepted by: SCHRISTE

9/30/2020

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

### Current Acreages

9,568.00	<b>Total Permitted</b>
106.88	<b>Total Disturbed</b>
37.00	<b>Phase I</b>
18.95	<b>Phase II</b>
1.82	<b>Phase III</b>

### 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:

An inspection was conducted as part of the midterm permit review. The waste rock site was visited first, followed by the facilities in Pace Canyon, and then the main mine site was visited in Dugout Canyon.

Inspector's Signature:

Amanda Daniels,  
Inspector ID Number: 70

Date Monday, September 14, 2020



**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

Pace Canyon topsoil stockpiles were observed to be stable and vegetated with yarrow, sagebrush, rabbitbrush and grass species.

At the waste rock site, overburden was being live hauled to the refuse East facing slope from an excavation West of sediment pond #2. Topsoil from the short term topsoil stockpile on top of the refuse site (shown on RA Attachment 2-2) and from the sediment pond #2 area were being redistributed. In order to provide suitable moisture content for handling, the topsoil stockpiles had been watered by digging pits into the pile which were filled with water.

After the 2020 contemporaneous reclamation is completed, the volumes remaining in storage will be confirmed by an aerial survey (Section 232.100 and Section 232.500).

On June 18, 2020 Soldier Canyon stockpile site were observed to be sparsely vegetated with sagebrush, rabbitbrush, a mustard weed and yellow sweet clover (Inspection Report #6700 on June 18, 2020).

#### **4.a Hydrologic Balance: Diversions**

The two inlets of the undisturbed by-pass culvert at the main mine facility were inspected and appeared to be in good repair and were clear of debris. The outlet of the undisturbed by-pass culvert was also inspected and was functioning as designed.

#### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Sediment ponds at the waste rock site, the Pace Canyon fan facility, and the Dugout Canyon main mine facilities were inspected to verify that the ponds still match the plans in the approved MRP. No discrepancies were observed and ponds were dry during the time of the inspection.

### **13. Revegetation**

Of the site's 10 reference areas, only two were able to be visited during this inspection. These two were the Pace Canyon pinyon/juniper RA and the Waste Rock site's sagebrush/grass RA. Both were observed to be in good condition with no off-site impacts noted. It was suggested to the Permittee to add markers in the field as well as GPS coordinates in the MRP. The Permittee noted that with it being on private land, there may be some hesitation from the land owner in putting up field markers. It was also discussed with the Permittee the potential difficulty that they may encounter in trying to meet the woody species success standard at the Pace Canyon site. The reference area was noted to be very thick with trees and woody shrubs. The responsibility period may well last longer than 10 years in order for that many woody species to become established.