



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:	C0070018
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, July 3, 2019
Start Date/Time:	7/3/2019 9:00:00 AM
End Date/Time:	7/3/2019 10:15:00 AM
Last Inspection:	Wednesday, May 8, 2019

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Jay Marshall
Company	Velina Miller
Company	Chris Hansen

Inspector: Priscilla Burton,

Weather: sun 85F

InspectionID Report Number: 6461

Accepted by: SCHRISTE

7/5/2019

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: **INACTIVE**

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:

As a follow-up to my 2018 Annual Report review comment, I observed vegetation on the topsoil and subsoil stockpiles. Plate 5.21-2 illustrates the layout of the topsoil storage location.

Inspector's Signature: **Priscilla Burton**

Priscilla Burton
2019.07.09 08:11:01 -06'00'

Date

Wednesday, July 3, 2019

Priscilla Burton,

Inspector ID Number: 37

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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

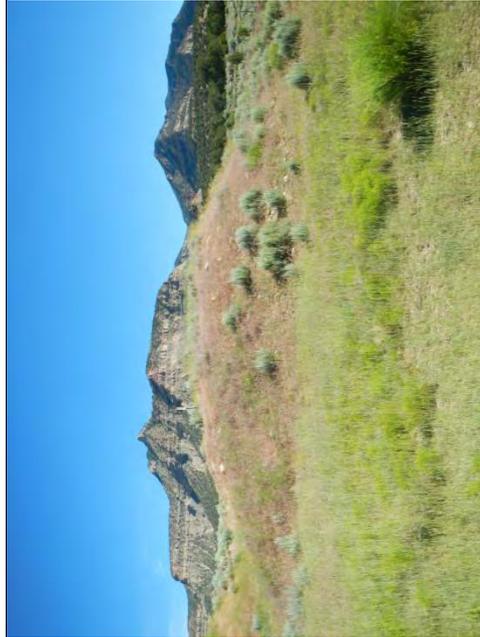
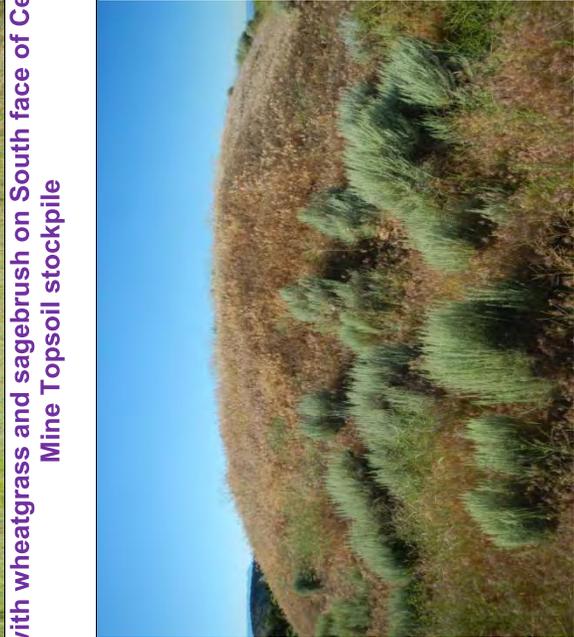
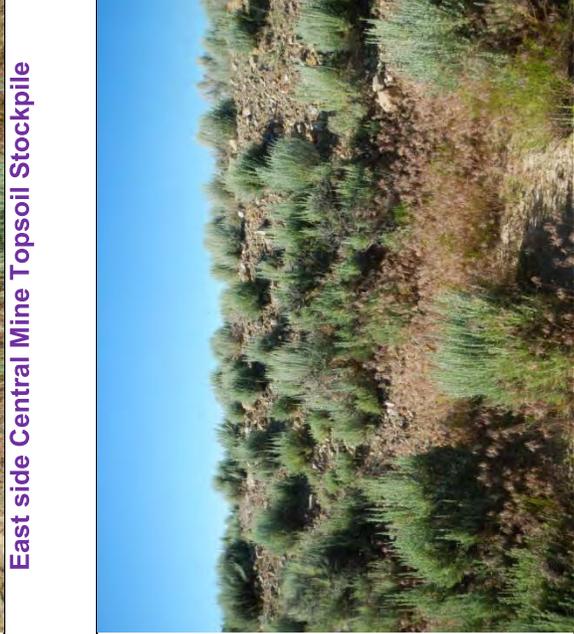
The Soldier Canyon topsoil/subsoil stockpiles occupies 2.3 acres of an 8.6 acre storage site (MRP, p. 2-25). The remainder of the site is used for Dugout Mine topsoil/subsoil storage. The Soldier Canyon MRP states that annual interim reclamation measures will be taken to ensure adequate vegetation is growing on the soil stockpiles (p. 2-26). The topsoil and subsoil stockpiles were seeded in 1991 (27 years ago) with the Intermediate mix described in Appendix 3-E. This mix contained Intermediate wheatgrass, slender wheatgrass, thickspike wheatgrass, western wheatgrass, yellow sweet clover and alfalfa. There are very few seeded species existing on the stockpiles in 2019. A stand of slender wheatgrass is growing the flat (wetter) area near the entrance. Sagebrush has colonized on the berm surrounding the site, and the Central Mine stockpiles.

In the winter of 2019, Carbon County received record snowfall and had a wet spring. The topsoil stockpiles have 100% cover reflecting the moist conditions. The cover is weedy forbs and grasses. A dominant forb is *Sisymbrium altissimum* (tall tumble mustard). *Erodium cicutarium* (storksbill) was also observed on the site. There are no noxious weeds on the stockpiles.

9. Protection of Fish, Wildlife and Related Environmental Issues

The stockpile vegetation is providing nourishment for rabbits and insects. Cicadas and white butterflies were plentiful.

ATTACHMENT A – Soldier Canyon Inspection July 3, 2019

		
<p>Flat with wheatgrass and sagebrush on South face of Central Mine Topsoil stockpile</p>		<p>East side Central Mine Topsoil Stockpile</p> 
<p>North side Central Mine Topsoil stockpile</p>		<p>North side of Central Mine Substitute Topsoil</p> 

ATTACHMENT A – Soldier Canyon Inspection July 3, 2019

	
<p>Boulder stockpile and top of Central Mine substitute topsoil stockpile</p>	<p>Topsoil removed from adjacent Boulder Storage area</p>
	
<p>Sisymbrium altissimum (tall tumble mustard)</p>	<p>Unidentified forb</p>