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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, June 18, 2020
Start Date/Time:	6/18/2020 9:00:00 AM
End Date/Time:	6/18/2020 2:00:00 PM
Last Inspection:	

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Vicky Miller

Inspector: Priscilla Burton,
Weather: sun 80 F
InspectionID Report Number: 6700

Accepted by:SCHRISTE
6/29/2020

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	**Total Permitted**
106.88	**Total Disturbed**
37.00	**Phase I**
18.95	**Phase II**
1.82	**Phase III**

Mineral Ownership

- [x] **Federal**
- [x] **State**
- [ ] **County**
- [x] **Fee**
- [ ] **Other**

Types of Operations

- [x] **Underground**
- [ ] **Surface**
- [ ] **Loadout**
- [ ] **Processing**
- [ ] **Reprocessing**

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Scamp Excavation is grading the final surface of the East side of the pile, using GPS enabled dozers. Topsoil and Subsoil has been salvaged West of Sediment Pond 2 and is ready for live haul to the East facing slope. The volume of this soil was estimated. Topsoil and subsoil relocated to the top of the waste rock pile in January 2019 covers approximately 0.8 acres. It was seeded in mid-May 2020. Refer to Plate 5-2 for ditch and pond locations. Refer to Plate 2-1 for topsoil and stockpile locations.

Inspector's Signature: Priscilla Burton
Priscilla Burton
2020.06.29 12:08:17 -06'00'
Date Monday, June 22, 2020

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.

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OIL, GAS & MINING

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 performace 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	☑	☐	☑	☐
2. Signs and Markers	☐	☐	☐	☑
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☑	☐	☑	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☐	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☑	☐	☑	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☐	☐	☐	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☐	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☐	☐	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☑	☐	☑	☐

1. Permits, Change, Transfer, Renewal, Sale

To facilitate Phase II expansion of the waste rock site and contemporaneous reclamation, topsoil stockpile #2 and subsoil stockpile #2 were moved from the west fence line in January 2019, to the top of the waste rock pile. In accordance with R645-301-234.240, the Permittee notified the Division of this move on January 29, 2019 and followed up with a permit amendment on February 13, 2020 (Task 6069). However the amendment did not simply revise the facility map and report on the movement of stockpiles from one location to another, it presented a different reclamation scenario from the approved MRP. The volumes projected for future soil salvage changed; the proposed number of future stockpiles differed; and the acreage to be reclaimed was reduced. The amendment was returned with deficiencies. A revised amendment was received on April 22, 2020 (Task 6140). This second amendment was also returned, deficient. Therefore there is no approved surface facility map for the site in its current configuration. Plate 2-1 shows the location of the stockpiles prior to their relocation.

3. Topsoil

As shown on Plate 2-1, at the mine site entrance, one topsoil and one subsoil stockpile are well vegetated, bermed, signed and protected with a fence. The volumes of these stockpiles are documented on Plate 2-1.
On top of the Waste Rock pile, there is one topsoil and one subsoil stockpile. These are signed and bermed. These piles include subsoil that was live-hauled during reclamation work in 2017 and soil transferred from the W fenceline shown on Plate 2-1. The Division estimates that these stockpiles hold 5,000 CY of topsoil and 6,000 CY subsoil based on their GPS'd acreage and their height. The 5,000 CY volume is in agreement with information provided in Task 6149. Howeve the subsoil volume is approximately half that stated in Task 6149.

The remaining Phase II topsoil and subsoil was recently salvaged and stockpiled iWest of sediment pond 2, in preparation for livehaul in the next month. This soil is from map units J and H (shown on Plate 2-1). There were four topsoil stockpiles and two subsoil stockpiles, which are signed and bermed. The Permittee did not know the volumes of the stockpiles. Task 6149 estimated 2,364 CY of topsoil from this area and 16,902 CY subsoil. Ms. Miller stated that the three soil pits were dug to evaluate the potential of additional subsoil salvage. The soil report dated 9/25/2017 in Attachment 2-1 supports deep soil salvage at sites 1 and 6, which represent the map units to be salvaged. A field check of pH and EC during salvage of the deep subsoil was recommended.

Mine site topsoil and subsoil is stockpiled at the Soldier Canyon location. The location volume in storage is shown on Plate 2-3. These stockpiles were photographed.

4.a Hydrologic Balance: Diversions

The location of DD 11 has been cleared of vegetation and topsoil.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Both sediment ponds were dry.

7. Coal Mine Waste, Refuse Piles, Impoundments

Scamp Excavation has two dozers grading the waste to achieve final contour. At least one dozer is GPS enabled.

22. Other

The borrow area is approximately 0.6 miles East of the Waste Rock site. Soils and plants in the borrow area were observed. Photographs were taken.

ATTACHMENT A – Photos

Activity on East side of Refuse pile seen from Borrow Area

Topsoil and subsoil stockpiles at SE toe of refuse near sediment pond #2

Sediment pond #2 , Map Unit J soil salvage area, soil pits, stockpiles

First lift of refuse along West fence near Sediment pond #1.

ATTACHMENT A – Photos continued

Topsoil pile A

Topsoil pile B

Topsoil Pile C

Topsoil Pile D behind Pile C

ATTACHMENT A – Photos continued

Subsoil pile A

Topsoil Pile D in front of Subsoil pile B

Subsoil relocated to top of refuse pile

Topsoil relocated to top of refuse pile

ATTACHMENT A – Photos continued

Test plot area on reclaimed North face. Shadscale in foreground.

Grasses, shadcale, penstamon growing on flat reclaimed area

Topsoil pile at the Soldier Cyn facility

Main mine topsoil pile at the Soldier Creek facility