

Bowles - DNR, Brock <brock.bowles@state.co.us>

Hayden Gulch inspection

1 message

Bowles - DNR, Brock <brock.bowles@state.co.us> Wed, Dec 4, 2024 at 2:35 PM To: Miranda Kawcak <mkawcak@peabodyenergy.com>, "Howard, Michael" <MHoward@peabodyenergy.com>, Zach Trujillo <zach.trujillo@state.co.us>

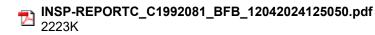
Miranda and Mike, Attached is the Hayden Gulch, C-1992-081, inspection report for November 2024. Brock

Brock Bowles Environmental Protection Specialist



COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

P 720.774.0040 | O 303.866.3567 Physical: 1313 Sherman St., Room 215, Denver, CO 80203 Mailing: Room 215, 1001 E 62nd Ave, Denver, CO 80216 brock.bowles@state.co.us | https://drms.colorado.gov





PERMIT INFORMATION

Permit Number: C-1992-081 Mine Name: Hayden Gulch Loadout Operator: Hayden Gulch Terminal, LLC Operator Address: Ms. Miranda Kawcak 29515 Routt County Road 27 Oak Creek, CO 80467

County: Routt Operation Type: Loadout Permit Status: Active Ownership: Private

Operator Representative Present:

N/a

Operator Representative Signature: (Field Issuance Only)

INSPECTION INFORMATION

Inspection Start Date: November 20, 2024 Inspection Start Time: 09:30 Inspection End Date: November 20, 2024 Inspection End Time: 10:15			Inspection Type: Coal Par Inspection Reason: Norma Weather: Clear	1	
Joint Inspection Agency:		Joint Inspection Contacts:			
None					
Post Inspection Agency:		Post Inspection Contacts:			
None					
Inspector(s):	Inspecto	r's Sig	nature:	Signature Date:	
Brock Bowles	Brack Samls				
				ember 4, 2024	

Inspection Topic Summary

		v			
NOTE:	Y=Inspected	N=Not Inspected	R=Comments Noted	V=Violation Issued	NA=Not Applicable
	-				

- N Air Resource Protection
- N Availability of Records
- N Backfill & Grading
- **N** Excess Spoil and Dev. Waste
- ${\bf N}\,$ Explosives
- N Fish & Wildlife
- **R** Hydrologic Balance
- ${\bf N}\,$ Gen. Compliance With Mine Plan
- N Other
- ${\bf N}\,$ Processing Waste

- N Roads
- N Reclamation Success
- **R** Revegetation
- \boldsymbol{N} Subsidence
- ${\bf N}\,$ Slides and Other Damage
- N Support Facilities On-site
- ${\bf R}\,$ Signs and Markers
- N Support Facilities Not On-site
- N Special Categories Of Mining
- N Topsoil

COMMENTS

This was a partial inspection of the Hayden Gulch Loadout conducted by Brock Bowles with the Colorado Division of Reclamation, Mining, and Safety (Division). Twentymile Coal, LLC. (TC) was informed of the inspection but declined to attend. The weather at the time of the inspection was clear, cool and the ground was partially snow covered.

The permit area consists of 391.2 acres. The remaining disturbed area consists of 2.30 acres.

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

The area near Outfall 004A was densely covered with grasses (photo 1). Some of the grass has been pushed down by snow. The ground surface was not seen in this area due to the density of the grasses. The area near Outfall 005A (photo 2) had a dense stand of grass with some young willow shoots emerging. The ground cover in this area is estimated at 90% due to the dense stand of grasses.

The drainage ditch along the western side of the permit boundary contained water and was lined with a dense stand of grasses (photo 3). The water was frozen in the ditch.

No erosion features were seen during this inspection.

REVEGETATION - Rule 4.15

Vegetative Cover; Timing:

The area between Hwy 40 and the mainline railroad (photo 4) was well vegetated with a dense stand of grasses. Some of the species noted were Reed canary grass, wheatgrasses, meadow brome and orchard grass. A species of carex was noted along the drainage ditch paralleling the western permit boundary.

There was a spot (300-400 sq. ft.) in the reclamation where the vegetation was thinner than the surrounding areas (photo 5). The soil in this area contained some larger rocks (1 - 2-inch diameter) which may contribute to the

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Number of Complete Inspections this Fiscal Year: 2

slower plant establishment. Several houndstongue plants were seen in this area and will have to be treated in the spring.

Overall, the reclamation was very good.

SIGNS AND MARKERS – Rule 4.02:

The mine entrance sign was in place facing Hwy 40.

DOCUMENTS RECEIVED

OTHER (SPECIFY)

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS



Photo 1 – Outfall 004A

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Photo 3 – Ditch along wester permit boundary.

Photo 5 – Area with thinner vegetation and some houndstongue plants.

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