



STATE OF  
COLORADO

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

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## Hayden Gulch inspection

1 message

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**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

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**Brock Bowles**  
Environmental Protection Specialist



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

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**INSP-REPORTC\_C1992081\_BFB\_12042024125050.pdf**  
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## COLORADO


Division of Reclamation,  
Mining and Safety

Department of Natural Resources

### PERMIT INFORMATION

<b>Permit Number:</b> C-1992-081 <b>Mine Name:</b> Hayden Gulch Loadout <b>Operator:</b> Hayden Gulch Terminal, LLC <b>Operator Address:</b> Ms. Miranda Kawcak 29515 Routt County Road 27 Oak Creek, CO 80467	<b>County:</b> Routt <b>Operation Type:</b> Loadout <b>Permit Status:</b> Active <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  N/a
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> November 20, 2024 <b>Inspection Start Time:</b> 09:30 <b>Inspection End Date:</b> November 20, 2024 <b>Inspection End Time:</b> 10:15		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear	
<b>Joint Inspection Agency:</b>  None		<b>Joint Inspection Contacts:</b>  	
<b>Post Inspection Agency:</b>  None		<b>Post Inspection Contacts:</b>  	
<b>Inspector(s):</b>  Brock Bowles	<b>Inspector's Signature:</b>  		<b>Signature Date:</b>  December 4, 2024

**Inspection Topic Summary**

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

N - Air Resource Protection	N - Roads
N - Availability of Records	N - Reclamation Success
N - Backfill & Grading	R - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
N - Fish & Wildlife	N - Support Facilities On-site
R - Hydrologic Balance	R - Signs and Markers
N - Gen. Compliance With Mine Plan	N - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
N - Processing Waste	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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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 2 – Outfall 005A



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Photo 3 – Ditch along wester permit boundary.



Photo 4 – Reclamation, facing southwest from mainline railroad track.



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

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