

Zuber - DNR, Rob <rob.zuber@state.co.us>

Keenesburg Strip Mine inspection report

1 message

Zuber - DNR, Rob <rob.zuber@state.co.us> To: "Moline, Ben" <ben.moline@molsoncoors.com> Cc: DNR DRMS_CoalAdmin - DNR <dnr_drms_coal_admin@state.co.us>

Hello, Ben -

Please find attached my report from last week's inspection.

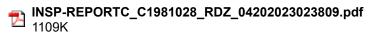
Rob

Rob Zuber, P.E. Environmental Protection Specialist Active Mines Regulatory Program



I am working remotely and can be reached by cell at 720.601.2276.

Physical Address: 1313 Sherman Street, Room 215 Denver, CO 80203 Mailing Address: Division of Reclamation, Mining and Safety, Room 215 1001 East 62nd Avenue Denver, CO 80216 rob.zuber@state.co.us | http://drms.colorado.gov



Thu, Apr 20, 2023 at 3:03 PM



PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Ben Moline P.O. Box 4030 Golden, CO 80402 **County:** Weld **Operation Type:** Surface **Permit Status:** Permanent Cessation **Ownership:** Private

Operator Representative Present:

None

Operator Representative Signature: (Field Issuance Only)

INSPECTION INFORMATION

Inspection Start Date: April 13, Inspection Start Time: 08:15 Inspection End Date: April 13, 2 Inspection End Time: 09:20			Inspection Type: Coal Pa Inspection Reason: Norn Weather: Cloudy		
Joint Inspection Agency:		Joint Inspection Contacts:			
None					
Post Inspection Agency:		Post Inspection Contacts:			
None					
Inspector(s):	Inspecto	r's Sig	nature:	Signature Date:	
Robert Zuber, P.E.	Phit	Phot D. 2L			
				4/20/2023	

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected	R =Comments Noted	V=Violation Issued	NA=Not Applicable	
N - Air Resource Protection		NA - Roads		
N - Availability of Records	R - Reclamation Success			
NA - Backfill & Grading	R - Revegetation			
NA - Excess Spoil and Dev. Waste		NA - Subsidence		
NA - Explosives		Y - Slides and	Other Damage	
N - Fish & Wildlife	NA - Support Facilities On-site			
R - Hydrologic Balance	R - Signs and Markers			
R - Gen. Compliance With Mine Pla	NA - Support Facilities Not On-site			
N - Other		NA - Special Categories Of Mining		
NA - Processing Waste		NA - Topsoil		

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on April 13, 2023. No Coors Energy Company (CEC) representative was present at the inspection.

The site is in Permanent Cessation. Reclamation activities were completed in the fall of 2020. However, due to poor success in some areas, Coors Energy reclaimed these areas a second time in spring 2022.

The weather was cloudy and warm. The ground was dry.

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:

Sediment Pond 2 and the Dugout Pond contained little to no water (thick vegetation obscures the bottoms). They were not discharging during the inspection. There were no signs that either pond had discharged recently. No problems were observed with spillways or other aspects of the ponds.

GENERAL MINE PLAN COMPLIANCE:

The northern boundary of the site (east side) was observed, and no signs of pollutant loading from the mine site, or any other problems, were seen.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion problems were seen onsite, and nearly the entire site was inspected. Bare spots were seen in some areas, namely Area 37 and the east side of Area 35. The steep area east of the Dugout Pond was stable.

Number of <u>Partial</u> Inspection this Fiscal Year: 6 Number of <u>Complete</u> Inspections this Fiscal Year: 3 REVEGETATION – Rule 4.15 Vegetative Cover; Timing:

Emerging grasses were seen in Area 42 (reclaimed road by Sediment Pond 2 and larger area to west) and Area 36. The older reclamation continues to look good. In particular, the southwest corner of the site (namely Area 32) looks good.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign was in place and contained all necessary information. Boundary markers were seen around the site.

DOCUMENTS RECEIVED - none

OTHER (SPECIFY) - none

ENFORCEMENT ACTIONS/COMPLIANCE

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

Number of <u>Partial</u> Inspection this Fiscal Year: 6 Number of <u>Complete</u> Inspections this Fiscal Year: 3

PHOTOGRAPHS



Spillway of Dugout Pond



Emerging grass on reclaimed road by Sediment Pond 2 (part of Area 42)

Number of <u>Partial</u> Inspection this Fiscal Year: 6 Number of <u>Complete</u> Inspections this Fiscal Year: 3



Emerging grass in Area 42



Large bare spot in Area 37





Area 32, looking south towards southwest corner of site



Area 34 (southeast corner of site)