



STATE OF  
COLORADO

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

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## Keenesburg Strip Mine inspection report

1 message

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

Thu, Apr 20, 2023 at 3:03 PM

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



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

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

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**INSP-REPORTC\_C1981028\_RDZ\_04202023023809.pdf**  
1109K



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-028 <b>Mine Name:</b> Keenesburg Strip Mine <b>Operator:</b> Coors Energy Company <b>Operator Address:</b> Mr. Ben Moline P.O. Box 4030 Golden, CO 80402	<b>County:</b> Weld <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature:</b> (Field Issuance Only)	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> April 13, 2023 <b>Inspection Start Time:</b> 08:15 <b>Inspection End Date:</b> April 13, 2023 <b>Inspection End Time:</b> 09:20		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy	
<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>  Robert Zuber, P.E.	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i>		<b>Signature Date:</b>  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

N - Availability of Records

NA - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

NA - Roads

R - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

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 Partial Inspection this Fiscal Year: 6

Number of Complete 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 Partial Inspection this Fiscal Year: 6

Number of Complete 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 Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3





**Emerging grass in Area 42**



**Large bare spot in Area 37**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



**Area 32, looking south towards southwest corner of site**



**Area 34 (southeast corner of site)**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3