



STATE OF  
COLORADO

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

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## Keenesburg report

1 message

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

Fri, Dec 17, 2021 at 9:54 AM

To: "Moline, Ben" <ben.moline@molsoncoors.com>

Hello, Ben

Attached is my latest inspection report for the Keenesburg Strip Mine. I went out there yesterday.

Rob

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



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

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**INSP-REPORTC\_C1981028\_RDZ\_12172021084556.pdf**  
1097K



**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 PO 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: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> December 16, 2021 <b>Inspection Start Time:</b> 11:50 <b>Inspection End Date:</b> December 16, 2021 <b>Inspection End Time:</b> 13:10	<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>  Robert Zuber, P.E.	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i>  <b>Signature Date:</b>  12/17/2021

**Inspection Topic Summary**

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

Y - Air Resource Protection

N - Availability of Records

NA - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish &amp; 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

Y - 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 December 16, 2021. 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.

The weather was cool and clear, and 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).

Neither pond was discharging during the inspection. There were no signs that they had discharged recently. No problems were observed with the two ponds.

**GENERAL MINE PLAN COMPLIANCE:**

The eastern portion of the northern boundary of the site (including the ditch to Sediment Pond 2) 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:**

Minor erosion problems were seen at the Long Term Spoil Area (west side and south side). Also, large bare spots were seen on reclaimed roads, and smaller bare spots were seen at the reclaimed B Pit area. The reclamation in areas south of B Pit (e.g., Area 32) continue to exhibit good vegetation cover with desirable grass species.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2

**REVEGETATION – Rule 4.15****Vegetative Cover; Timing:**

Sunflowers and undesirable species (cheat grass, kochia, and Russian thistle) are the predominant species in most of the newly reclaimed areas. These include the reclaimed road adjacent to Sediment Pond 2, the reclaimed road south and east of Area 25, and the Long Term Spoil Area. Grasses were sparse at many newly reclaimed areas.

**SIGNS AND MARKERS – Rule 4.02:**

The entrance sign contained all necessary information.

**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: 3

Number of Complete Inspections this Fiscal Year: 2

## **PHOTOGRAPHS**



**Erosion within Long Term Spoil Area (west side)**



**Erosion within Long Term Spoil Area (south side)**

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2





**Reclaimed B Pit (center of area)**



**Good reclamation south of B Pit area (Area 32 in foreground)**

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2