



STATE OF  
COLORADO

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

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## inspection report

1 message

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

Fri, Jul 2, 2021 at 9:11 AM

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

Hello, Ben

Please see the attached file from my inspection yesterday.

I hope you have a good holiday.

Rob

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



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

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910K




**COLORADO**  
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**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> July 1, 2021 <b>Inspection Start Time:</b> 10:00 <b>Inspection End Date:</b> July 1, 2021 <b>Inspection End Time:</b> 11:00		<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>  		<b>Signature Date:</b>  7/2/2021

**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

Y - Fish &amp; Wildlife

R - Hydrologic Balance

Y - 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

Y - 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 July 1, 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 hot. The ground was mostly 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 small amounts of water or no water at all. It was difficult to tell because the vegetation (cattails) in both ponds was very thick. Levels were several feet below spillways, and neither pond was discharging during the inspection. There were no signs that they had discharged recently. No problems were observed with the two ponds. The Sediment Pond 2 dam was well covered with grass and sunflowers.

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

No rills were observed, but bare areas exist where soil movement has been observed in recent months. This was seen on the Long Term Spoil Area and at the reclaimed Topsand Pile A-3.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

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

Cheat grass is the predominant species in some of the newly reclaimed areas, such as the reclaimed road adjacent to Sediment Pond 2. In other newly reclaimed areas (e.g., the Long Term Spoil Area), sunflowers are numerous, but not a lot of reclamation grasses were seen.

In Area 24 at the northwest corner of the site, the reclamation grasses are very healthy, although patches of cheat grass can be found. The north end of the B Pit was in good shape.

**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: 1

Number of Complete Inspections this Fiscal Year: 0

## **PHOTOGRAPHS**



**Area 42 with reclaimed road on right (tree clump is at Sediment Pond 2)**



**Reclaimed Topsand Stockpile at north end of site (was stockpile A-3)**

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0





**Area 24 (northwest corner of permit area)**



**North end of B Pit**

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0