



STATE OF
COLORADO

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

Keenesburg inspection report

1 message

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

Fri, Nov 10, 2023 at 8:21 AM

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

Hi, Ben -

Please see the attached report.

Have a good weekend.

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_11102023.pdf
850K



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: November 8, 2023 Inspection Start Time: 10:40 Inspection End Date: November 8, 2023 Inspection End Time: 12:10		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Robert Zuber, P.E.	Inspector's Signature: 		Signature Date: 11/10/2023

Inspection Topic Summary

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

Y - Air Resource Protection

R - Availability of Records

Y - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

NA - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

NA - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS on November 8, 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, and additional reclamation activities were being performed in Area 36 by Habitat Management (CEC contractor) during the inspection. A small harrow was being used in preparation for seeding.

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

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were lacking several current documents. These include:

- The bond document
- The Annual Reclamation Report for 2022, including hydrology data
- Quarterly reports for ponds and pest management.

The operator needs to update the records prior to December 31, 2023.

Please see the list of records below.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 2

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.

GENERAL MINE PLAN COMPLIANCE:

The northern boundary of the site 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. Bare spots were seen in some areas. The steep area east of the Dugout Pond was stable.

Areas where recent harrowing has been done include Areas 25, 36, and 42.

DOCUMENTS RECEIVED - none**OTHER (SPECIFY) - none****ENFORCEMENT ACTIONS/COMPLIANCE**

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

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Number of Complete Inspections this Fiscal Year: 2

PHOTOGRAPHS



Area downstream of Sediment Pond #2



Area 36, which has been harrowed before seeding

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Areas 33 and 36, looking west at east end



Dugout Pond and reclaimed topsand storage, south of the facility area

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AVAILABILITY OF RECORDS

PERMIT RECORDS

DRMS Permit	Exp. 11/3/2026
Permit Application w/Revisions	yes
Findings Document	RN-08 (April 2022)
Insurance Certificate	Exp. 11/1/2023
Bond Document	\$1,197,459 (2016, not current)

Phased Bond Release Documents/Findings	SL-11 (12/1/2022)
Air Emission Permits	123008803
County Special Use Permits	Weld #1160, #386
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	NA
Vegetation Monitoring Data	2021 ARR
Specific Variance Approvals	NA
Annual Reclamation Reports	2021
Midterm Review Documents	MT-07 (May 2019)
DRMS/OSM Inspection	Through
Reports/Enforcement Actions (3 Yrs)	Sept. 2023
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	*1
CERTIFICATIONS	

Pond Certifications	Yes
Annual Certifications for Large Impoundments	NA
Fill Certifications for Excess Spoil or Underground Development Waste	NA
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	NA
Haul Road Certifications	NA
Access Road Certifications	NA

HYDROLOGIC RECORDS

NPDES Permit	NA
NPDES Records	NA
Stormwater Management Plan	NA
SPCC Plan	Updated 2012
MSHA Pond Inspections	NA

State Engineer's Pond Inspection

Quarterly Pond Inspections	5/9/2023
Annual Hydrology Reports	2021
• Ground Water Monitoring	yes
• Surface Water Monitoring	NA
• Spring & Seep Monitoring	NA
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	NA
Well Permits	*2

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA *3
Blasting Variances	NA
Pre-Blast Surveys	NA

ADDITIONAL RECORDS (specify)

Pest and Weed report	6/30/2023

COMMENTS:

*1 RCE is \$818,406 (SL-11)

*2 Domestic use well and fire protection well (048289f, 24650f)

*3 No explosives used since 1995.

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