



STATE OF
COLORADO

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

Inspection report for September 2024

1 message

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

Mon, Sep 23, 2024 at 5:12 AM

Ben -

Please find attached my inspection report from last week. Let me know if you have questions regarding the records. Note that many current records were not found in the box by the gate.

Thanks,
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.

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>




INSP-REPORTC_C1981028_RDZ_09232024.pdf
1617K



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: September 19, 2024 Inspection Start Time: 11:15 Inspection End Date: September 19, 2024 Inspection End Time: 12:40		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear	
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: 9/23/2024

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

NA - 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

R - 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 September 19, 2024. No Coors Energy Company (CEC) representative was present at the inspection.

The site is in Permanent Cessation. Most reclamation activities were completed in the fall of 2020. Due to poor success in some areas, however, Coors Energy reclaimed some areas again (harrowing and seeding) in the spring of 2022 and fall of 2023.

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

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were lacking some current documents, including the insurance certificate, financial bond, Annual Reclamation/Hydrology Report, Midterm No. 8 Findings. pond inspections, pest and weed reports, and DRMS inspection reports.

Coors Energy Company should update the records by October 25, 2024. Please see the list of records below.

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 no visible water. In both ponds the bottom is obscured by heavy vegetation. They were not discharging during the inspection. There were no signs that either pond had discharged recently. No problems were observed.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

GENERAL MINE PLAN COMPLIANCE:

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

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion problems were seen onsite.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Revegetation is varied around the site; the following observations were made:

Area 33 – The vegetation cover is good.

Area 34 – Vegetation cover is mediocre.

Area 35 (B Pit) – Vegetation cover is mediocre. Many sunflower plants were seen.

Area 36 (Long-Term Spoil Area) – Vegetation cover is mediocre.

Area 38 – Vegetation cover is mediocre.

Area 42 – In the area west of Area 26, near the north end of the permit area, most of the vegetation is brown, and a large amount of cheat grass was seen.

Area 42 – Along the reclaimed road south of Area 25, the vegetation cover is mediocre.

Area 44 - Vegetation cover is mediocre. Many sunflower plants were seen.

The vegetation around the site compares favorably to the surrounding undisturbed area, especially at the west end of 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: 1

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Embankment of Sediment Pond 2



North boundary, looking west from Sediment Pond 2

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1



Brown vegetation in Area 42 (west of Area 26)



Looking east at reclaimed Long Term Spoil Area

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1



Area 35, looking southwest



West end of site, looking south from Area 44 – better vegetation in disturbed area on left

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

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	SL-11
Documents/Findings	(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	2022 ARR
Specific Variance Approvals	NA
Annual Reclamation Reports	2022
Midterm Review Documents	MT-07 (May 2019)
DRMS/OSM Inspection	Through
Reports/Enforcement Actions (3 Yrs)	May 2024
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	No 2024 reports
Annual Hydrology Reports	2022
• 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	March 2024

COMMENTS:

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

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

*3 No explosives used since 1995.

Number of Partial Inspection this Fiscal Year: 1Number of Complete Inspections this Fiscal Year: 1