




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: May 16, 2023 Inspection Start Time: 13:30 Inspection End Date: May 16, 2023 Inspection End Time: 14:30	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. Michael Cunningham	Inspector's Signature:  Signature Date: 5/17/2023

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

NA - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - 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 and Michael Cunningham of DRMS on May 16, 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 clear and warm (approximately 70 degrees F). The ground was somewhat muddy. Due to the mud, the inspection was limited to the eastern portion of the site.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were lacking several current documents. These include:

- **The permit document**
- **The findings from RN-08**
- **The insurance document**
- **The bond document**
- **Quarterly reports.**

In email correspondence of May 17, 2023, Ben Moline of Coors Energy indicated that he will update the records in the near future. **This should be done prior to July 1, 2023.**

Please see the list of records below.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 4

FISH and WILDLIFE – Rule 4.18:

Many birds were seen and heard at Sediment Pond 2. Several pronghorn were seen in Area 25, before they headed northwest within the site.

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 (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, despite significant rain events during the week before the inspection. Bare spots were seen in some areas. Also, many mounds of earth were seen in Area 36, likely created by prairie dogs. The steep area east of the Dugout Pond was stable.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Poor vegetation growth was seen in some areas, including Area 38, the reclaimed soil piles south of the facilities. Cheatgrass continues to be a problem at the site, especially within the reclaimed road area next to Sediment Pond 2.

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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PHOTOGRAPHS



Area 38 (reclaimed soil pile area) on right, and Dugout Pond on left



Pronghorn on Area 25

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Area 36, reclaimed long-term spoil area – earth mounds likely created by prairie dogs



Embankment below Sediment Pond 2

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AVAILABILITY OF RECORDS**PERMIT RECORDS****DRMS Permit**

Permit Application w/Revisions

Findings Document**Insurance Certificate****Bond Document**

Phased Bond Release

Documents/Findings

Air Emission Permits

County Special Use Permits

UG Mining Landowner Notification

Subsidence Monitoring Reports

Subsidence Monitoring Data

Rill & Gully Survey

Vegetation Monitoring Data

Specific Variance Approvals

Annual Reclamation Reports

Midterm Review Documents

DRMS/OSM Inspection**Reports/Enforcement Actions (3 Yrs)**

Transfers/Succession of Operator

Temporary Cessation Notification

Reclamation Cost Estimate

CERTIFICATIONS

Pond Certifications

Annual Certifications for Large

Impoundments

Fill Certifications for Excess Spoil or

Underground Development Waste

• Quarterly Inspections

• Compaction Testing

• Final Certification

Coal Processing Waste Banks

Haul Road Certifications

Access Road Certifications

Exp. 11/3/2021yesRN-07 (Aug 2017)Exp. 11/1/2022\$1,197,459
(2016, not current)SL-11(12/1/2022)123008803Weld #1160, #386NANANANA2021 ARRNA2021MT-07 (May 2019)ThroughDecember 2022NANA*1YesNANANANANANANANA**HYDROLOGIC RECORDS**

NPDES Permit

NPDES Records

Stormwater Management Plan

SPCC Plan

MSHA Pond Inspections

State Engineer's Pond Inspection

Quarterly Pond Inspections

Annual Hydrology Reports

• Ground Water Monitoring

• Surface Water Monitoring

• Spring & Seep Monitoring

• Mine Water Discharge Monitoring

• Mine Inflow Study

• Water Consumption Records

Well Permits

NANANAUpdated 2012NANA10/11/20222021yesNANANANANA*2**BLASTING RECORDS**

Blasting Publication

Blasting Records (3 years)

ATFE Explosives Permit

Blasting Variances

Pre-Blast Surveys

NANANA *3NANA**ADDITIONAL RECORDS (specify)**Pest and Weed report10/31/2022**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: 6Number of Complete Inspections this Fiscal Year: 4