



STATE OF
COLORADO

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

Keenesburg Mine inspection report

1 message

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

Mon, Sep 30, 2024 at 3:55 PM

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

Hi, Ben -

I hope you had a good vacation.

Here is a report from my inspection today.

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_09302024.pdf


1481K



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 30, 2024 Inspection Start Time: 09:00 Inspection End Date: September 30, 2024 Inspection End Time: 10:15		Inspection Type: Coal Partial 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: 9/30/2024

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 & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - 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

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 September 30, 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 hot for late September (over 70 degrees F at 9 am). 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 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.

A wildlife watering device (label indicates it was manufactured by Rainmaker) was seen on Sediment Pond 2. Given the fact that the device is fairly small (approximately 2' x 3'), the pond is a "dugout" pond," and the fact that the pond has never been close to full (per past DRMS inspections), this device does not appear to be a problem.

Number of Partial Inspection this Fiscal Year: 2

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.

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 34 – Vegetation cover is mediocre.

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

Area 37 (near north boundary) – The vegetation cover was mediocre. Lots of sage bushes were seen near the fence, in the swale.

Area 38 – Vegetation cover is mediocre.

Area 42 (near Sediment Pond 2) – The vegetation cover is mediocre. Many sunflowers were seen.

Area 44 - Vegetation cover is good, but many Russian thistle plants and cheat grass were seen.

The vegetation around the site compares favorably to the surrounding undisturbed area.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign remains in place and contains the required 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: 2

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Entrance sign



West side of Area 44, with Russian thistle

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North boundary, looking southeast from halfway point between east and west sides



Area 42 (near Sediment Pond 2) on left and undisturbed on right, looking west

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Sediment Pond 2 spillway



Wildlife watering device on embankment of Sediment Pond 2

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