



PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Ben Moline PO 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: April 27, 2022 Inspection Start Time: 09:15 Inspection End Date: April 27, 2022 Inspection End Time: 10:45		Inspection Type: Coal Partial 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: <i>Robert D. Zuber</i>		Signature Date: 4/28/2022

Inspection Topic Summary

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

N - Air Resource Protection

N - 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

Y - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - 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 April 27, 2022. 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 areas where recent reclamation has been performed (and which were inspected on April 27th) include: Areas 37 and 42, the Long Term Spoil Area (northwest corner and part of east side), and the former topsand storage area southeast of the Dugout Pond. The mulch on these areas was intact, despite recent heavy winds in Weld County.

The weather was warm (60 degrees F) and cloudy, and the ground was dry.

FISH and WILDLIFE – Rule 4.18:

Many birds, including raptors, were seen and heard at the two ponds. A coyote was seen near the southwest corner of 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.

The ditch west of Sediment Pond 2 appeared to be functioning well.

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

Near the southeast corner of the Dugout Pond, the relatively steep hill (where a topsand pile existed in past years) was stable, with no erosion.

GENERAL MINE PLAN COMPLIANCE:

The eastern portion of the northern boundary of the site was observed, and no signs of pollutant loading from the mine site, or any other problems, were seen.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Green grass was seen emerging at several locations, including (but not limited to) Areas 25, 31, 32, and 42. Older reclamation around the site, especially in the southwest part, was generally in good condition with thick, desirable vegetation. On some parts of the older reclamation (e.g., the Long Term Spoil Area) winds have deposited significant sand, and observed vegetation was sparse.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign contained all necessary information. Boundary markers were seen in many locations.

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



Sediment Pond 2 spillway



Boundary west of Sediment Pond 2

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Recent reclamation at Area 42



Recent reclamation at Area 37 (left) and Area 42 (right)

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Northern portion of B Pit



Bare ground at southern portion of B Pit

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Area 23 with boundary markers



Upper end of Dugout Pond and recently reclaimed topsand storage area

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