



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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 13, 2021 Inspection Start Time: 11:30 Inspection End Date: April 13, 2021 Inspection End Time: 13:30		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: 4/14/2021

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

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

R - 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 13, 2021. No Coors Energy Company (CEC) representative was present at the inspection. The site is in Permanent Cessation. Reclamation activities (including seeding) were completed in the fall of 2020.

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

FISH and WILDLIFE – Rule 4.18:

One owl and other birds were seen and heard around the ponds. No coyotes were seen but many tracks were seen around 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 very small amounts of water. Neither pond was discharging during the inspection. There were no signs that they had discharged recently. As usual, they both contained large amounts of riparian vegetation. No problems were observed with the two ponds.

The northern portion of the reclaimed B Pit was observed to determine that drainage is to the east, towards Sediment Pond 2, and not towards the undisturbed areas. The topography of the area directs flow to the east (consistent with the drainage plan in the Permit Application Package), and no problems were identified.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

GENERAL MINE PLAN COMPLIANCE:

The northern boundary of the site (including the ditch to Sediment Pond 2) 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:

The northern half of the site was observed, and no erosion or other problems were seen. This includes the reclaimed B Pit and Long Term Spoil Area, and the reclaimed roads north and east of the Long Term Spoil Area.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Grasses in the reclaimed areas are beginning to green, and small seedlings were observed.

SUPPORT FACILITIES - Rule 4.04:

No problems were seen at the facilities area. No leaks were seen around the storage tanks, which are in a concrete containment area.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign still lacks contact information for DRMS (including division name, address and telephone number). Per Ben Moline (e-mail of April 12) this will be remedied in the near future.

DOCUMENTS RECEIVED – 2020 Annual Hydrology Report, 2020 Annual Reclamation Report

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



Reclaimed B Pit, with older reclamation on the right

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Reclaimed B Pit, looking south with undisturbed area on the right



Emerging vegetation (grasses and forbs) in the northern portion of B Pit reclamation

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Reclamation within the Long Term Spoil Area, looking southeast



North side of facilities area

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