




PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Danny Kipp P.O Box 467 Golden , CO 80402	County: Weld Operation Type: Surface Permit Status: Active Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: December 27, 2018 Inspection Start Time: 09:30 Inspection End Date: December 27, 2018 Inspection End Time: 10:30		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 D. Zuber, P.E.	Inspector's Signature: 		Signature Date: 12/27/2018

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

N - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

N - Roads

N - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

The partial inspection was conducted by Rob Zuber of DRMS. No Coors Energy Company (CEC) employees were on site, and the inspection was conducted from the entrance road, facilities yard, and the property east of Sediment Pond 2 (near gate into adjacent ranch). The weather was clear and cool. 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:

The two ponds were observed from afar. Neither Sediment Pond 2 nor the Dugout Pond appeared to be discharging during the inspection, and no problems were observed with the two ponds or the areas below the ponds, including the area below Sediment Pond 2, which is off the permit boundary.

SUPPORT FACILITIES - Rule 4.04:

The facilities area was in tidy shape, and no problems were observed.

SIGNS AND MARKERS – Rule 4.02:

Permit Boundary markers were seen around Area 34 (white posts) and on the shop/office building (painted white stripe).

The entrance sign contained the necessary information:

- The name, address, and phone number for CEC.
- The DRMS Permit Number.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 2

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsand Piles A-1 and B-1 were observed from the entrance road. Topsand Pile A-3 was observed from the gate between the Dugout Pond and facilities yard. No significant erosion problems were seen at any of the topsand piles.

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: 4

Number of Complete Inspections this Fiscal Year: 2

PHOTOGRAPHS



Southern sides of Topsand Piles B-1 and A-1 and permit boundary marker



Entrance sign and Topsand Pile A-1



Eastern side of Topsand Pile A-1

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Facilities yard, north side



Facilities yard, west side

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Area below Dugout Pond



East side of Dugout Pond



Topsand Pile A-3

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 2



Sediment Pond 2 and area below it – the discharge point (spillway) is near the line of power poles

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