




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: Danny Kipp
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 27, 2019 Inspection Start Time: 08:00 Inspection End Date: March 27, 2019 Inspection End Time: 09:30		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: 3/27/2019

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

R - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

N - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS and Danny Kipp of Coors Energy Company (CEC). The weather was clear and cool. The ground was muddy after recent events. Danny indicated that the last storm was significant rain on March 23rd.

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:

Water was observed in the two ponds. Neither pond was discharging during the inspection, and the water levels were well below the spillways. Danny estimate about a foot in the Dugout Pond. The water in Sediment Pond 2 looked to be approximately four to five feet deep. No problems were observed with the two ponds.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No problems were seen with the reclaimed areas. In particular, the following parcels were inspected by driving through them, looking for erosion, and looking at the vegetation: 23, 25, 30, 31, 32, 33, and 34. Most of the areas showed very little emergence of green grass, although some was seen in Area 32 and a large amount was seen in Area 25. This may be cheat grass. No areas exhibited problems with erosion, large bare spots, or weeds.

SIGNS AND MARKERS – Rule 4.02:

Permit boundary markers were seen at the south end of the site and appeared to be accurately located, per a handheld GPS (smart phone) with a site map loaded into Collector software.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS



Sediment Pond 2

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3



Area 32, looking east



Area 31, looking east

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3



Area 23, looking east

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3