




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY  
COAL PROGRAM INSPECTION REPORT**



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-028 <b>Mine Name:</b> Keenesburg Strip Mine <b>Operator:</b> Coors Energy Company <b>Operator Address:</b> Mr Benjamin Moline P.O. Box 4030 Suite 400 Golden, CO 80401	<b>County:</b> Weld <b>Operation Type:</b> Surface <b>Permit Status:</b> Active <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  Danny Kipp
<b>Operator Representative Signature:</b> (Field Issuance Only)  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> November 14, 2013 <b>Inspection Start Time:</b> 08:40 <b>Inspection End Date:</b> November 14, 2013 <b>Inspection End Time:</b> 10:00		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear	
<b>Joint Inspection Agency:</b>  None		<b>Joint Inspection Contacts:</b>	
<b>Post Inspection Agency:</b>  None		<b>Post Inspection Contacts:</b>	
<b>Inspector(s):</b>  Jared L. Ebert	<b>Inspector's Signature:</b>  		<b>Signature Date:</b>  November 14, 2013

**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

R - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

**COMMENTS**

This was a partial inspection of the Keenesburg Mine; operated by Coors Energy Company; DRMS File No. C-1981-028. I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety conducted the inspection. Mr. Danny Kipp with Coors Energy accompanied me during the inspection. The weather was clear and warm at the time of the inspection.

BACKFILL and GRADING – Rule 4.14; Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

The Operator continues to backfill B-Pit was fly ash. Two loads of fly ash had been unloaded at the northwest corner of the pit prior to the inspection. Mr. Kipp indicated two more loads of material would be deposited in the pit later that day.

The excavation of the long term spoil pile appeared stable.

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 Dugout Pond and Sediment Pond No. 2 were inspected. These ponds were dry and not discharging. The side slopes of the embankment appeared stable and vegetated. Inlets into the ponds are armored and stable. The primary spillway of Sediment Pond No. 2 was clear and functional.

The northern perimeter ditch appeared clear and functional.

ROADS – Rule 4.03; Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and

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Number of Complete Inspections this Fiscal Year: 1

Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6), Reclamation 4.03.1(7)/4.03.2(7):

The roads around the site were maintained and graded.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The Operator recently placed spoil material on the south side of B-Pit. Prior to the inspection, Mr. Kipp was spreading a lift of A Horizon topsand on top of the recently backfilled spoil material. Metal poles with a two foot depth marker have been placed adjacent to the lift to insure an adequate depth of material has been placed.

SIGNS AND MARKERS – Rule 4.02:

The mine entrance signs was in place.

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. The Operator had been recently excavating topsand material from the south face of topsand pile A-1 with a scrapper prior to the inspection. Both piles have adequate vegetation cover for stabilization. Pile B-1 has a significant number of perennial species established on the pile.

Topsand piles A-3 and the B stockpile northwest of A-3 was also inspected. These piles were well vegetated and stable.

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## PHOTOGRAPHS



South face to Topsand Pile A-1.



View from on top of Topsand Pile B-1 looking west.



Topsand Pile A-1 and B-1, picture of the slope between the two piles.



South of B-Pit excavation, A horizon topsand placed on top of spoil lift.



Shop facilities.



B Horizon topsand pile adjacent to long term spoil pile.

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