




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



PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Benjamin Moline P.O. Box 4030 Suite 400 Golden, CO 80401	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: October 17, 2013 Inspection Start Time: 08:45 Inspection End Date: October 17, 2013 Inspection End Time: 09:45	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): Jared L. Ebert	Inspector's Signature:  Signature Date: October 21, 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 & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

NA - Other

NA - Processing Waste

R - Roads

N - Reclamation Success

R - Revegetation

NA - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

Y - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

This was a partial inspection of the Keenesburg Strip Mine; Permit No. C-1981-028 operated by Coors Energy Company. I, Jared Ebert of the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mr. Danny Kipp with Coors Energy Company accompanied me during the inspection. It was partly cloudy and cool during 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 is actively backfilling the northwest corner of the B pit with fly ash. It appears two loads of Ash have been delivered to the site today.

A relatively new area at the south end of the pit has been backfilled with a second bench of spoil material. Poles that are six feet in height have been placed in front of the backfilled area to insure the required depth of spoil has been placed in the pit. It appears the spoil has been backfilled to the required six foot depth in this area.

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 no. 2 and the dugout pond was dry, the inlets into the ponds were clear of debris. The pond slopes were stable and vegetated.

A small amount of water was in the bottom of B-Pit.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

GENERAL MINE PLAN COMPLIANCE:

The recently excavated portion of the long-term spoil pile has been graded and appears stable.

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

REVEGETATION – Rule 4.15; Vegetative Cover; Timing:

Earlier in the year the Operator sprayed pre-emergent herbicide in portions of the revegetated areas in hopes of suppressing Cheatgrass germination. In September, the area received a large amount of rain and the Cheatgrass germinated throughout the mine area including where the pre-emergent herbicide was utilized. However, at the time of this inspection the Cheatgrass that had germinated appeared red and “burned”. It appears the herbicide was effective.

Area 25 was observed. Buffalo grass, Sand-dropseed, Indian Ricegrass, and sunflower have begun to establish throughout the area. Russian thistle was observed throughout this parcel.

TOPSOIL – Rule 4.06; Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil pile A1, B-1 and A-3 was observed, these piles were stable and vegetated.

Two new areas are being prepared for topsand placement. According to Mr. Kipp, these areas will likely be labeled Area 33 and 32.

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PHOTOGRAPHS



Area 25



North end of recently placed spoil backfill.



From the northwest corner of B Pit looking south.



Area prepped for topsand placement.



From the northwest corner of B Pit looking southeast.

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