




**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: June 27, 2013 Inspection Start Time: 09:00 Inspection End Date: June 27, 2013 Inspection End Time: 10:00	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): Brock F. Bowles	Inspector's Signature:  Signature Date: June 28, 2013

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

R - Air Resource Protection**N** - Availability of Records**R** - Backfill & Grading**N** - Excess Spoil and Dev. Waste**N** - Explosives**N** - Fish & Wildlife**R** - Hydrologic Balance**N** - Gen. Compliance With Mine Plan**N** - Other**N** - Processing Waste**R** - Roads**R** - Reclamation Success**R** - Revegetation**N** - Subsidence**N** - Slides and Other Damage**N** - Support Facilities On-site**N** - Signs and Markers**N** - Support Facilities Not On-site**N** - Special Categories Of Mining**N** - Topsoil**COMMENTS**

This was a partial inspection of the Keenesburg Mine conducted by Brock Bowles of the Colorado Division of Reclamation, Mining and Safety. Danny Kipp of Coors Energy Company was present for the inspection. Weather conditions were sunny and warm with a light breeze. The ground conditions were dry.

AIR RESOURCE PROTECTION – Rule 4.17:

No dust was generated from the mine site area including the B-Pit ash backfill area, B-Pit coverfill area, long term spoil area, Area 25 reclamation and topsand stockpiles.

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:

Coal ash was stacked in the north end of the B-Pit ready for backfilling (photo 1). Backfill material continued to be moved from the spoil area to the south side of the active B-Pit area (photo 2). The backfill was being spread in 6 foot lifts.

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 were both dry. The ditch along the main haul road to the B-Pit was free and clear of obstructions.

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 main haul road to the B-Pit was well maintained. The roads between the long-term spoil pile and the B-Pit backfill area were recently maintained (photo 3).

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 4

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

According to Danny Kipp, the cheatgrass has been particularly bad this season. He has used this opportunity to map the worst cheatgrass locations to develop a treatment plan. The pre-emergent, Panoramic, has shown promising results in test areas at the mine and will be sprayed on large areas of the mine later in the summer.

REVEGETATION – Rule 4.15 □ Vegetative Cover; Timing:

The vegetation in Area 25 looks good. Many annual species were noted but this is expected during the first season after seeding. Many planted grasses were starting to grow including western wheatgrass and Indian ricegrass, which was already going to seed (photo 4). A large patch of Rumex venosus was growing in Area 25.

DOCUMENTS RECEIVED: None**ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were taken as a result of this inspection and none are pending.

PHOTOGRAPHS

Photo 1 – Ash Ready for Backfilling



Photo 2 – Backfill Material

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Photo 3 – Road from Long Term Spoil Pile



Photo 4 – Indian Ricegrass Inflorescence.

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