




PERMIT INFORMATION

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| 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

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| Inspection Start Date: October 30, 2018 Inspection Start Time: 09:45 Inspection End Date: October 30, 2018 Inspection End Time: 11:00 | | 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): Robert D. Zuber, P.E. | Inspector's Signature:  | | Signature Date: 10/30/2018 |

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**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**R** - Roads**Y** - Reclamation Success**N** - Revegetation**NA** - Subsidence**Y** - Slides and Other Damage**Y** - Support Facilities On-site**N** - 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 and Danny Kipp of Coors Energy Company (CEC). The weather was cloudy and cool (approximately 40 degrees Fahrenheit at the beginning of the inspection). The ground was dry.

Danny indicated the following related to vegetation sampling results (monitoring done in summer 2018) and future bond release applications:

- The data for Area 30 indicate that this area did not meet success criteria for cover.
- CEC (with help from Habitat Management, Inc.) will likely submit a Phase II application this year for Areas 31, 32, and 33.

AIR RESOURCE PROTECTION – Rule 4.17:

Excessive dust was not created by the grader 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:

Prior to the inspection, Danny Kipp had been using the scraper (CAT 627K) to backfill the remaining portion of B Pit. During the inspection, Mark Quinby was performing grading operations with a Deere 872 GP at the former pit area. CEC is nearly done scraping material from the road southwest of the Dugout Pond and will soon begin work on the road at the north end of the site. Weather permitting, Mr. Kipp anticipates that the B&G work (prior to moving topsand) will be done around the end of November 2018.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

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:

Standing water was observed in Sediment Pond 2 but well below the emergency spillway. The Dugout Pond appeared dry or had only a little water in it (thick vegetation precludes easy viewing of the pond bottom). Neither pond was discharging during the inspection. No problems were observed with the two ponds.

The ditches along the north side of the site were inspected; no problems were seen.

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):

As mentioned in the BACKFILLING AND GRADING section, CEC has begun to reclaim the roads. No problems with roads were found.

TOPSOIL – Rule 4.06

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

No 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.

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Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Caterpillar scraper – had been operating in morning before inspection



Deere grader operating at former B Pit area during inspection

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Scraped road south of Area 25



North end of site, looking east

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Dugout Pond

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1