




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: April 25, 2018 Inspection Start Time: 09:45 Inspection End Date: Inspection End Time:		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: 4/26/2018

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

R - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

R - Other

NA - Processing Waste

Y - Roads

Y - Reclamation Success

R - Revegetation

NA - Subsidence

N - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

COMMENTS

The weather was clear and warm. The ground was mostly dry. The partial inspection entailed observation of the entire site with Danny Kipp.

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:

During the inspection, no backfill or grading operations were taking place. Significant spoil material remains to be moved onto the B Pit and Long Term Spoil areas. Danny Kipp indicated that these operations will likely be completed around December 2018.

FISH and WILDLIFE – Rule 4.18:

Several bird species were seen and heard at the mine, mostly near the ponds.

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:

CEC staff indicated that there had been a little over a half inch of rain in the 4 to 5 days before the inspection, including significant rain the day before. However, because of the sandy soil on site, the site was not muddy.

Standing water was observed in Sediment Pond 2 and the Dugout Pond. Neither pond was discharging. No problems were observed with the two ponds.

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 3

OTHER (SPECIFY):

Use of a GPS device (iPhone with Collector) and discussion with Danny Kipp indicated that the line on permit maps that delineates the B Pit from the Long Term Spoil area is incorrect. The line should be moved to the west, showing a smaller area for B Pit on the map. Mr. Kipp indicated that he plans to submit a Minor Revision to correct this error. Also, Reach B-1 (and possibly other drainage channels) should be relocated on permit maps to match the on-the-ground locations.

REVEGETATION – Rule 4.15**Vegetative Cover; Timing:**

Emergent desirable vegetation was seen at reclamation parcels around the site.

SUPPORT FACILITIES - Rule 4.04:

Facilities, including the shop and yard, are in good condition.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign was in good shape and included the new Denver address. Permit boundary markers were seen at several locations and appeared to be in the proper location, per the GPS device.

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 Pile A-3, Topsand Pile A-1, and Topsand Pile B-1 were observed from roads and from the tops of the piles. No erosion or other problems were observed with any of the piles.

ENFORCEMENT ACTIONS/COMPLIANCE

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

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PHOTOGRAPHS



Dugout Pond



Sediment Pond 2

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Fence line and ditch west of Sediment Pond 2 with Topsand Pile A-3 in background



Long Term Spoil Area with B Pit area in background

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Top of well AMW-1



B Pit area with remaining spoil pile (circled)

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