



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Danny Kipp 1801 California Street Suite 4600 Denver, CO 80202	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: May 27, 2020 Inspection Start Time: 07:50 Inspection End Date: May 27, 2020 Inspection End Time: 09:35		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 Zuber, P.E.	Inspector's Signature: <i>Robert D. Zuber</i>		Signature Date: 5/27/2020

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

A partial inspection was conducted by Rob Zuber of DRMS. Danny Kipp and Mark Quimby of Coors Energy Company (CEC) were on site, but did not accompany Rob on the inspection. They were spreading a mulch/compost mixture on the south side of the B Pit reclamation area (portion that is not yet vegetated). The material is stockpiled at the south end of the Long Term Spoil Area.

The weather was clear and warm (already 61 degrees F before 8 am). The ground was dry.

AIR RESOURCE PROTECTION – Rule 4.17:

Application of the mulch at B Pit was creating a flume above the equipment, but it did not travel far from the work site, and it was not transported off site.

FISH and WILDLIFE – Rule 4.18:

Many birds were seen and heard near the pods, including two Red-tailed Hawks, seen flying north of Sediment Pond 2.

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:

Small volumes of water were observed in the two ponds, levels were well below spillways, and neither pond was discharging during the inspection. There were no signs that they had discharged recently. As usual, they both contained large amounts of riparian vegetation, providing excellent habitat for birds and small animals. No problems were observed with the two ponds.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

GENERAL MINE PLAN COMPLIANCE:

The eastern portion of the northern boundary of the site (down gradient) was observed, and no signs of pollutant loading from the mine site were seen.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No problems were observed at the reclaimed areas, other than the usual issues with cheat grass. As noted before, this is a prevalent species on the adjacent lands around the permit area. The areas that were walked during the inspection include Areas 29, 30, 31, 32, and 33. The cheat grass appeared to be most prevalent in Areas 29 and 30, compared to the other areas.

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

Several Prickly Poppy (*Argemone polyanthemus*) plants were seen in the western portion of Area 30. These are not noxious and do not need to be eradicated.

SUPPORT FACILITIES - Rule 4.04:

No problems were seen at the facilities area.

SIGNS AND MARKERS – Rule 4.02:

Permit boundary markers were in place where the inspector looked for them, namely south of Area 33 and west of Areas 30, 31, and 32.

DOCUMENTS RECEIVED - none**OTHER (SPECIFY) - none**

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ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Southwest corner of Area 30, looking northeast



Undisturbed area on left and Area 31 on right

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Application of compost/mulch on B Pit reclamation area



Sediment Pond 2

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