



STATE OF
COLORADO

Zuber - DNR, Rob <rob.zuber@state.co.us>

Inspection report

1 message

Zuber - DNR, Rob <rob.zuber@state.co.us>
To: "Moline, Ben" <ben.moline@molsoncoors.com>

Mon, Feb 28, 2022 at 8:01 AM

Good morning, Ben.

Please see the attached report. Regarding the missing records, is there another place in the site office where I should look for these? I expect that they should mostly be in the big 3-ring binder (with exceptions like ARR and AHR). As far as I can tell, you are not storing new documents in the file cabinets. Please let me know if I am missing something.

Also, the binder is full, and I suggest that you start a new binder with the reports that get updated on a regular basis. This could include the monthly DRMS reports and the quarterly reports that you create (ponds, etc.).

Thanks,
Rob

Rob Zuber, P.E.
Environmental Protection Specialist
Active Mines Regulatory Program



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

I am working remotely and can be reached by cell at 720.601.2276.

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INSP-REPORTC_C1981028_RDZ_02282022051459.pdf
1088K



PERMIT INFORMATION

Permit Number: C-1981-028 Mine Name: Keenesburg Strip Mine Operator: Coors Energy Company Operator Address: Mr. Ben Moline PO Box 4030 Golden, CO 80402	County: Weld Operation Type: Surface Permit Status: Permanent Cessation Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: February 25, 2022 Inspection Start Time: 13:40 Inspection End Date: February 25, 2022 Inspection End Time: 15:15	Inspection Type: Coal Complete 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: 2/28/2022

Inspection Topic Summary

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

Y - Air Resource Protection

R - 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

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

NA - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS on February 25, 2022. No Coors Energy Company (CEC) representative was present at the inspection. The site is in Permanent Cessation. Reclamation activities were completed in the fall of 2020, however, due to poor success in some areas, Coors Energy is preparing to reclaim these areas a second time. In several areas, stockpiles of soil amendments (Biosol fertilizer, phosphate) were seen.

The weather was cold, and the ground was partially covered with snow.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Recent reports (e.g., insurance document, Division inspection reports, and pond inspection reports) were not found in the binder where they should be filed. In future months, the records need to be current. Please see the list of records below.

FISH and WILDLIFE – Rule 4.18:

Across the site, birds and animal tracks (mouse, rabbit, and coyote) were seen.

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 contained little to no water (thick vegetation obscures the bottoms).

Neither pond was discharging during the inspection. There were no signs that they had discharged recently. No problems were observed with the two ponds.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 3

GENERAL MINE PLAN COMPLIANCE:

The eastern portion of the northern boundary of the site was observed, and no signs of pollutant loading from the mine site, or any other problems, were seen.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Large bare spots were seen at the east side of the reclaimed B Pit and at the southern portion of the reclaimed Long Term Spoil Area.

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

Decent vegetation was seen at the north end of Area 25. Sunflowers and undesirable species (cheat grass, kochia, and Russian thistle) are the predominant species in most of the newly reclaimed areas. These include the reclaimed road adjacent to Sediment Pond 2, Area 42, and the center of the reclaimed Long Term Spoil Area. Grasses were sparse at many newly reclaimed areas.

SIGNS AND MARKERS – Rule 4.02:

The entrance sign contained all necessary information.

DOCUMENTS RECEIVED - none**OTHER (SPECIFY) - none****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: 3

PHOTOGRAPHS



Northern portion of Area 25



Stockpile of soil amendments at Area 42, with northern boundary in the background

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Number of Complete Inspections this Fiscal Year: 3



**Stockpile of soil amendments in Long Term Spoil Area (reclaimed),
Looking southeast from the center of the area**



Bare spot in B Pit Area (reclaimed), looking northwest from east side

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 3



Bare spot near south end of the Long Term Spoil Area (reclaimed)



Motor scraper and other reclamation equipment at the facility area

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Number of Complete Inspections this Fiscal Year: 3

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit

Exp. 11/3/2021
(new one pending
with RN-08)

Permit Application w/Revisions

yes

Findings Document

RN-07 (Aug 2017)

Insurance Certificate**Exp. 11/1/2021**

Bond Document

\$1,197,459
(March 2016)**Phased Bond Release****SL-09****Documents/Findings****(SL-10 missing)**

Air Emission Permits

123008803

County Special Use Permits

Weld #1160, #386

UG Mining Landowner Notification

NA

Subsidence Monitoring Reports

NA

Subsidence Monitoring Data

NA

Rill & Gully Survey

NA

Vegetation Monitoring Data

2020 ARR

Specific Variance Approvals

NA

Annual Reclamation Reports

2020

Midterm Review Documents

MT-07 (May 2019)

**DRMS/OSM Inspection
Reports/Enforcement Actions (3 Yrs)****Through
February 2020**

Transfers/Succession of Operator

NA

Temporary Cessation Notification

NA

Reclamation Cost Estimate**SL-09 *1****CERTIFICATIONS**

Pond Certifications

Yes

Annual Certifications for Large
Impoundments

NA

Fill Certifications for Excess Spoil or
Underground Development Waste

NA

• Quarterly Inspections

NA

• Compaction Testing

NA

• Final Certification

NA

Coal Processing Waste Banks

NA

Haul Road Certifications

NA

Access Road Certifications

NA

HYDROLOGIC RECORDS

NPDES Permit

NA

NPDES Records

NA

Stormwater Management Plan

NA

SPCC Plan

Updated 2012

MSHA Pond Inspections

NA

State Engineer's Pond Inspection

NA

Quarterly Pond Inspections**Missing 2021
reports**

Annual Hydrology Reports

2020

• Ground Water Monitoring

yes

• Surface Water Monitoring

NA

• Spring & Seep Monitoring

NA

• Mine Water Discharge Monitoring

NA

• Mine Inflow Study

NA

• Water Consumption Records

NA

Well Permits

*2

BLASTING RECORDS

Blasting Publication

NA

Blasting Records (3 years)

NA

ATFE Explosives Permit

NA *3

Blasting Variances

NA

Pre-Blast Surveys

NA

ADDITIONAL RECORDS (specify)**Pest and Weed report****Not found****COMMENTS:**

*1 Should be RCE from May 2020 for \$1,078,021

*2 Domestic use well and fire protection well (048289f, 24650f)

*3 No explosives used since 1995.

Number of Partial Inspection this Fiscal Year: 3Number of Complete Inspections this Fiscal Year: 3