



STATE OF
COLORADO

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

Bowie #1 inspection report

1 message

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Mon, Nov 18, 2024 at 10:06 AM

To: Basil Bear <basilbear@wolverinefuels.com>, Ryan Wilson <RWilson@wolverinefuels.com>, Tamme Bishop <tammekb@gmail.com>

Good morning. Here is my report from last week.

Rob

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



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

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INSP-REPORTC_C1981038_RDZ_11182024.pdf
981K



PERMIT INFORMATION

Permit Number: C-1981-038 Mine Name: Bowie No. 1 Mine Operator: Bowie Resources, LLC Operator Address: Mr Basil R Bear P.O. Box 1488 Paonia, CO 81428	County: Delta Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: November 13, 2024 Inspection Start Time: 12:45 Inspection End Date: November 13, 2024 Inspection End Time: 16:15		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: 		Signature Date: 11/18/2024

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

Y - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

R - Revegetation

Y - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

R - Signs and Markers

R - Support Facilities Not On-site

Y - Special Categories Of Mining

Y - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS on November 13, 2024. No staff representing Bowie Resources LLC (BRL) were present at the inspection.

No mining or reclamation activities were being conducted at this site. Reclamation at the loadout related to the Farmers Ditch, which is conveyed under the loadout through a 600-foot culvert, has not begun.

No cattle were seen at the West Mine. Cattle have been seen there in the past.

The weather was warm and clear. The ground was mostly dry.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were found to be well organized and complete, although the recent DRMS inspection report (for October) was missing from the notebook. Please see the list of records included in this report.

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:

The ponds at the loadout, the Coal Storage Area (near Black Bridge Road), and the West Mine contained no water, and no problems were identified with these ponds.

No problems were identified with culverts, including the large culvert under the loadout and the large culvert under the West Mine.

The Farmers Ditch was not flowing.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen at the West Mine, including the reclaimed road. The vegetation cover was good.

No problems were identified with the reclamation in the area of Ponds 1, 2, 3, and 4 (East Mine).

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Large amounts of cheatgrass were seen at the Coal Storage Area beside Highway 133.

SIGNS AND MARKERS – Rule 4.02:

No issues with signs or markers were identified during the inspection.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

No erosion or other problems were seen with the Coal Storage Area beside Highway 133.

No erosion was seen at the loadout, including the steep slope between the loadout and the orchard below. The trestle across the river appears stable.

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: 2

PHOTOGRAPHS



Slope below the loadout



Reclaimed road at the West Mine

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East Mine, looking toward reclaimed Pond 1



East Mine, looking toward reclaimed Ponds 3 and 4

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Number of Complete Inspections this Fiscal Year: 2

AVAILABILITY OF RECORDS

PERMIT RECORDS		HYDROLOGIC RECORDS	
DRMS Permit	Expires 4/20/2028	NPDES Permit	CO-0049045 Exp. April 30, 2025
Permit Application w/Revisions	On shelf	NPDES Records (DMRs)	Thru October 2024
Findings Document	RN8 findings 7/27/2023	Stormwater Management Plan	Aug. 2018
Insurance Certificate	Exp.5/1/2025	SPCC Plan	No longer valid
Bond Document	SEE COMMENT 1	MSHA Pond Inspections	NA
Phased Bond Release	SL9 findings 12/7/2023	State Engineer's Pond Inspection	NA
Documents/Findings		Quarterly Pond Inspections	Thru 3Q 2024
Air Emission Permits	NA	Annual Hydrology Reports	2023
County Special Use Permits	NA	• Ground Water Monitoring	2023 AHR
UG Mining Landowner Notification	1993 and 1994	• Surface Water Monitoring	2023 AHR
Subsidence Monitoring Reports	NA	• Spring & Seep Monitoring	2023 AHR
Subsidence Monitoring Data	NA	• Mine Water Discharge Monitoring	NA
Rill & Gully Survey	February 2024	• Mine Inflow Study	NA
Vegetation Monitoring Data		• Water Consumption Records	NA
Specific Variance Approvals	2.06.1(3) Steep Slope	Well Permits	NA
Annual Reclamation Reports	2023		
Midterm Review Documents	MT8 10/13/2020	BLASTING RECORDS	NA
DRMS/OSM Inspection	Thru		
Reports/Enforcement Actions (3 Years)	September 2024		
Transfers/Succession of Operator	7/29/2009		
Temporary Cessation Notification	NA		
Reclamation Cost Estimate	SEE COMMENT 2		
CERTIFICATIONS			
Pond Certifications	W-1 and W-2 (2002)	ADDITIONAL RECORDS	
Annual Certifications for Large Impoundments	NA	CDOT Access Permit	Permit #399055 (June 1999)
Fill Certifications for Excess Spoil or Underground Development Waste	Yes 2/4/1987	Annual Subsidence Report	NA
• Quarterly Inspections	NA		
• Compaction Testing	NA		
• Final Certification	NA		
Coal Processing Waste Banks	NA		
Haul Road Certifications	Yes, several years		
Access Road Certifications	Yes, PAP Vol. 8A		

COMMENTS:

1. Two instruments with Lexon Insurance Co.: \$2,500,000 + \$268,916 = \$2,768,916.
2. The cost estimate of \$1,639,674 (from MT8) does not match liability. This is explained in SL-06 findings.

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