



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: Basil Bear
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: November 29, 2022 Inspection Start Time: 07:45 Inspection End Date: November 29, 2022 Inspection End Time: 11:20		Inspection Type: Coal Complete 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 Zuber, P.E.	Inspector's Signature: <i>Robert D. Zuber</i>		Signature Date: 11/30/2022

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

Y - Backfill & Grading

Y - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

Y - Processing Waste

R - Roads

R - Reclamation Success

Y - 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 29, 2022.

No mining or reclamation activities were being conducted at this site. BRL is focusing on Bowie No. 2 in 2022.

The weather was partly cloudy and cold. The ground was partially covered with snow.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were found to be very well organized. Please see the Availability of Records form 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 a small amount of snow, and no problems were identified with these ponds. Riprap ditches at the East Mine are stable.

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):

Roads at the East Mine and the road to the ROM area are in good shape.

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 reclaimed areas of the East Mine, including:

- The main area along the haul road and around the old portals
- The RDA
- The Old Waste Disposal Area
- The drainage where the reclaimed ponds (Ponds 1 – 4) are located.

The West Mine was in good shape, as viewed from Johnson Road.

SIGNS AND MARKERS – Rule 4.02:

Entrance signs and boundary markers were seen in many locations.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

No problems were seen with the Coal Storage Area by Black Bridge Road.

The slope below the loadout is stable. No erosion was seen at the loadout.

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



Loadout slope, looking southwest



Loadout slope, looking east

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West Mine from Johnson Road

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2



East Mine from Old Waste Disposal Area



Drainage above Old Waste Disposal Area

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Number of Complete Inspections this Fiscal Year: 2

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	RN7 exp. 4/20/2023
Permit Application w/Revisions	On shelf
Findings Document	RN7 findings 3/30/2018
Insurance Certificate	Exp.5/1/2023
Bond Document	SEE COMMENT 1
Phased Bond Release Documents/Findings	SL6, Findings 2/15/2018
Air Emission Permits	NA
County Special Use Permits	NA
UG Mining Landowner Notification	1993 and 1994
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	May 2022
Vegetation Monitoring Data	
Specific Variance Approvals	2.06.1(3) Steep Slope
Annual Reclamation Reports	2021
Midterm Review Documents	MT8 10/13/2020
DRMS/OSM Inspection	Thru
Reports/Enforcement Actions (3 Years)	October 2022
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)
Annual Certifications for Large Impoundments	NA
Fill Certifications for Excess Spoil or Underground Development Waste	Yes 2/4/1987
• 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

HYDROLOGIC RECORDS

NPDES Permit	CO-0049045 Exp. 2025
NPDES Records (DMRs)	Thru October 2022
Stormwater Management Plan	Aug. 2018
SPCC Plan	No longer valid
MSHA Pond Inspections	NA
State Engineer's Pond Inspection Quarterly Pond Inspections	NA
Annual Hydrology Reports	Thru September 2022
• Ground Water Monitoring	2021
• Surface Water Monitoring	2021 AHR
• Spring & Seep Monitoring	2021 AHR
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	NA
Well Permits	NA

BLASTING RECORDS

NA

ADDITIONAL RECORDS

CDOT Access Permit	Permit #399055 (June 1999)
Annual Subsidence Report	2021 ARR

COMMENTS:

1. Two instruments with Lexon Insurance Co.: \$2,500,000 + \$380,000 = \$2,880,000.
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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