




PERMIT INFORMATION

Permit Number: C-1981-038 Mine Name: Bowie No. 1 Mine Operator: Bowie Resources, LLC Operator Address: Mr. Basil 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: May 22, 2024 Inspection Start Time: 13:00 Inspection End Date: May 22, 2024 Inspection End Time: 16:00		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: 		Signature Date: 5/23/2024

Inspection Topic SummaryNOTE: **Y**=Inspected **N**=Not Inspected **R**=Comments Noted **V**=Violation Issued **NA**=Not Applicable**Y** - Air Resource Protection**R** - Availability of Records**N** - 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**R** - 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 May 22, 2024. No Bowie Resources Limited (BRL) representative was at the inspection.

No mining or reclamation activities were being conducted at this site. BRL is focusing on Bowie No. 2 in 2024.

The weather was warm and partly cloudy. The ground was muddy.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were found to be well organized and complete. 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 little to no water, and no problems were identified with these ponds.

The irrigation ditch that flows under the loadout (the Farmers Ditch) was flowing full. No problems were identified with the large culvert that contains this ditch.

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):

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 4

No problems were seen with the road to the reclaimed ROM area.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen at the reclaimed ponds at the East Mine (Ponds 1 – 4) or the West Mine, including the reclaimed road and the West Mine Fan.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The vegetation at the West Mine was good, except for small amounts of thistle. No yellow starthistle was seen.

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 the intersection of Highway 133 and Black Bridge Road.

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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PHOTOGRAPHS



Coal storage area by highway and Black Bridge Road

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Drainage at East Mine, looking up at Ponds 1 and 2



Drainage at East Mine, looking down at Ponds 3 and 4

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West Mine Fan



Reclaimed road at West Mine

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Expires 4/20/2028
Permit Application w/Revisions	On shelf
Findings Document	RN8 findings 7/27/2023
Insurance Certificate	Exp. 5/1/2025
Bond Document	SEE COMMENT 1
Phased Bond Release Documents/Findings	SL9 findings 12/7/2023
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 2023
Vegetation Monitoring Data	
Specific Variance Approvals	2.06.1(3) Steep Slope
Annual Reclamation Reports	2023
Midterm Review Documents	MT8 10/13/2020
DRMS/OSM Inspection	Thru
Reports/Enforcement Actions (3 Years)	April 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)
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 April 2024
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 1Q 2024
• Ground Water Monitoring	2022
• Surface Water Monitoring	2022 AHR
• Spring & Seep Monitoring	2022 AHR
• Mine Water Discharge Monitoring	2022 AHR
• 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 + \$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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