




PERMIT INFORMATION

Permit Number: C-1996-083 Mine Name: Bowie No. 2 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 12, 2021 Inspection Start Time: 16:33 Inspection End Date: May 12, 2021 Inspection End Time: 16:35	Inspection Type: Aerial 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. Brock Bowles	Inspector's Signature:  Signature Date: 5/13/2021

Inspection Topic Summary

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

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

COMMENTS

Brock Bowles of DRMS took aerial photographs of the Bowie No. 2 Mine site on May 12, 2021. Rob Zuber of DRMS reviewed the photographs on May 13, 2021.

Coal production at the Bowie No. 2 Mine ceased in 2016. The mine is in “active” status because BRL continues to perform work on Gob Pile #2 and Gob Pile #3 for many months of the year. Other activities on site are maintenance and monitoring.

AIR RESOURCE PROTECTION – Rule 4.17:

The photographs did not reveal any issues with fugitive dust.

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 following ponds were inspected: B, C, D, F, J, and K. Most of the ponds appeared to be dry or nearly dry. The exception was Pond J below Gob Pile #3. No problems were identified with embankments or other features of the ponds.

No problems were detected with any of the surface water control ditches. This includes the diversion ditches above Gob Pile #2 and Gob Pile #4 and the ditches between Gob Pile #3 and Pond J.

The Fire Mountain Canal, an irrigation ditch that runs through the Bowie #2 permit area, was flowing close to full at the time of the inspection.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

GENERAL MINE PLAN COMPLIANCE:

The photographs revealed no signs of pollutant loading from the mine into the North Fork of the Gunnison River or adjacent lands.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

No evidence of ponding was identified on any of the gob piles.

Minor erosion on Gob Pile #2 and Gob Pile #3 does not appear to be a problem, and there is no sign of significant coal waste in the ditch below the pile (Ditch J3).

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):

No problems were seen with any roads. The hillsides along the access road to the mine appear to be in excellent condition. No signs of erosion can be seen in the photographs.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Gob Pile #1, Gob Pile #4, and the reclaimed portion of Gob Pile #2 all appear to be in adequate shape with minimal areas that are bare.

SUBSIDENCE – Rule 4.20:

No evidence of subsidence was seen on the undisturbed hills around the mine site (the affected area above the mine workings).

SLIDES and DAMAGE - Rule 4.12:

It appears that slumps have not moved significantly in the recent past. These include slumps by the B Portal and by Curve Number 11 along the Haul Road.

SUPPORT FACILITIES - Rule 4.04:

No problems were identified with any facility areas, including the following: the Utility Bench, the D Portal Bench, the B Portal Bench, the Material Storage Area by Curve #4, the Conveyor Corridor, the Coal Stockpile Pad, the office, the Preparation Plant area, the storage area and buildings near Pond D, the Pump House and Filter Building, the train loadout area.

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OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

The pad for the Terror Creek Vent Shaft was inspected. No problems were identified. Also, no problems were seen at the pads for GVB-B17A, GVB-B17B, GVB-B17C, or GVB-B17D.

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



Gob Pile #2 and surrounding area



Gob Pile #3 and surrounding area

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Gob Pile #3, lower conveyor, and Coal Stockpile Pad



D Portal Bench, B Portal Bench and surrounding area

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Pad for Terror Creek Vent Shaft



Pads for GVB-B17A, GVB-B17B, GVB-B17C, and GVB-B17D

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