



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

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: March 31, 2021 Inspection Start Time: 11:25 Inspection End Date: March 31, 2021 Inspection End Time: 11:30		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: <i>Robert D. Zuber</i>		Signature Date: 4/5/2021

Inspection Topic Summary

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

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

Brock Bowles of DRMS took aerial photographs of the Bowie No. 2 Mine site on March 31, 2021. Rob Zuber of DRMS reviewed the photographs on April 5, 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.

The Fire Mountain Canal, an irrigation ditch that runs through the Bowie #2 permit area, was not flowing at the time of the inspection.

Number of Partial Inspection this Fiscal Year: 5

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 the access roads (to the portals and Utility Bench and to the refuse area). Roads near the Terror Creek Vent Shaft were inspected; no problems were seen.

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. The hillsides along the access road to the mine appear to be in excellent condition. No signs of significant erosion can be seen in the photographs.

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 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.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil stockpiles and coverfill piles appear stable. These include:

- Topsoil Stockpile A by the material storage on the access road to the portals
- Topsoil Stockpiles D and E next to Gob Pile #1
- The coverfill pile southeast of Gob Pile #2
- Topsoil Stockpile F/F1 east of Gob Pile #3
- The coverfill pile east of Gob Pile #3.

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



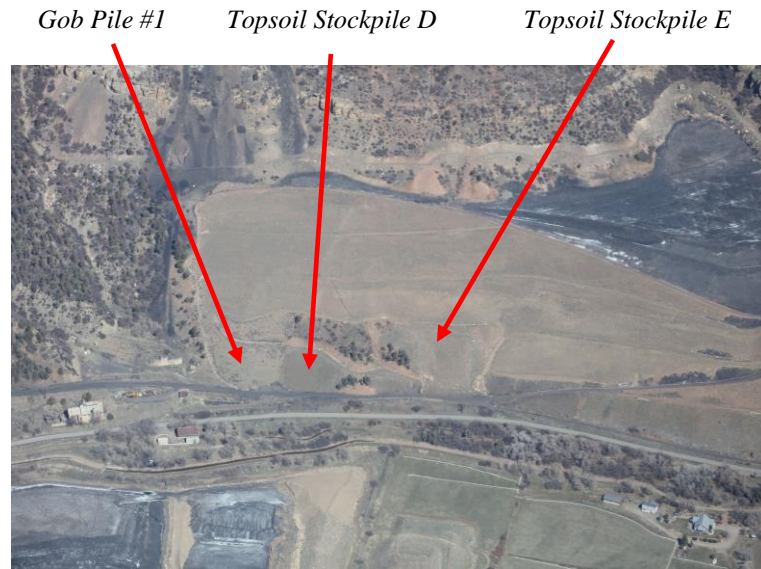
Gob Pile #2

Pond F

Coverfill Pile

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Gob Pile #1, Gob Pile #4, and soil piles



Gob Pile #3

Pond J

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Pond B



Coal Storage Pad and area below

Pond K



Access Road and B Portal Bench

Topsoil Stockpile A

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Utility Bench and D Portal Bench



Pad and roads for Terror Creek Vent Shaft

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