



STATE OF  
COLORADO

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

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## Bowie #2 report

1 message

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

Wed, Apr 2, 2025 at 9:15 AM

To: Art Etter <AETter@wolverinefuels.com>, Ryan Wilson <RWilson@wolverinefuels.com>, Tamme Bishop <tammekb@gmail.com>

Here is my report from the aerial inspection last week.

Rob

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



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

**Phone:** 720.601.2276 | **Fax:** 303.832.8106

**Physical Address:**

1313 Sherman Street, Room 215  
Denver, CO 80203

**Address for FedEx or UPS:**

Division of Reclamation, Mining and Safety, Room 215  
1001 East 62nd Avenue  
Denver, CO 80216

[rob.zuber@state.co.us](mailto:rob.zuber@state.co.us) | <http://drms.colorado.gov>



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**INSP-REPORTC\_C1996083\_RDZ\_04022025.pdf**


1423K



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1996-083 <b>Mine Name:</b> Bowie No. 2 Mine <b>Operator:</b> Bowie Resources, LLC <b>Operator Address:</b> Mr. Art Etter P.O. Box 1488 Paonia, CO 81428	<b>County:</b> Delta <b>Operation Type:</b> Underground <b>Permit Status:</b> Active <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> March 26, 2025 <b>Inspection Start Time:</b> 12:00 <b>Inspection End Date:</b> March 26, 2025 <b>Inspection End Time:</b> 12:15	<b>Inspection Type:</b> Aerial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear	
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>	
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>	
<b>Inspector(s):</b>  Robert Zuber, P.E.  Hunter Ridley	<b>Inspector's Signature:</b>  	<b>Signature Date:</b>  4/2/2025

**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**N** - 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**

Hunter Ridley of DRMS took aerial photographs of the Bowie No. 2 Mine site on March 26, 2025. Rob Zuber of DRMS reviewed the photographs on April 1, 2025.

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 these ponds contained water, with Pond K being the exception. No problems were identified with embankments or other features of the ponds.

No problems were detected with any of the surface water control ditches.

**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.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

**PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11****Drainage Control; Surface Stabilization; Placement:**

It appeared that BRL staff had been working on the upper portion of Gob Pile #2, prior to the inspection. This may have entailed the placement of material and grading. No erosion, areas with ponded water, or other problems were identified on any of the gob piles.

The repair of the blowout that occurred on Gob Pile #4 in the spring of 2023 appears 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):

No problems were seen with any haul roads or access roads.

**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 stable condition. In general, there is no erosion on the hillsides along the access road to the mine portals and Utility Bench, with exceptions noted in the Slides and Other Damage section of this report.

**SUBSIDENCE – Rule 4.20:**

The photographs did not reveal any issues with subsidence.

**SLIDES and DAMAGE - Rule 4.12:**

The slumps above the B Portal Bench, at Curve 11, and above the road to the Utility Bench have not worsened in recent months. Also, the large slide at Curve 11 appears to have stabilized.

**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 TSS A, the Conveyor Corridor, the Coal Stockpile Pad, the office, the Preparation Plant area, the storage area and buildings near Pond D, the old power plant, the Pump House and Filter Building, the train loadout area, and the tracks near the train loadout.

**OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:**

No problems were identified with the Terror Creek Access Road or the associated pads. Several other pads and roads were inspected in Sections 7 and 8 (T13 South, R91 West), west of Terror Creek, and no problems were identified.

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Number of Complete Inspections this Fiscal Year: 3

TOPSOIL – Rule 4.06

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

No erosion or other issues were identified at soil piles.

**DOCUMENTS RECEIVED - none**

**OTHER (SPECIFY) - none**

### **ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were initiated as a result of this inspection, nor are any pending.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

## **PHOTOGRAPHS**



**Utility Bench and portal benches**



**Haul Road and Prep Plant**

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**Gob Piles 1, 2, and 4**



**Gob Pile 3 and river below the mine**

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**Pads and roads near the Terror Creak Vent Shaft area**



**Pads and roads in Section 8, west of Terror Creek**

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