



STATE OF  
COLORADO

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

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## Bowie #2 inspection report

1 message

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

Mon, Dec 23, 2024 at 10:10 AM

To: Ryan Wilson <RWilson@wolverinefuels.com>, Basil Bear <basilbear@wolverinefuels.com>, Tamme Bishop <tammekb@gmail.com>

Hello -

Please see attached report for Bowie #2. It includes aerial photos as well as the ones I took on the ground.

Have a great holiday!

Rob

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



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

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**INSP-REPORTC\_C1996083\_RDZ\_12232024.pdf**  
3498K



### 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. Basil Bear 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>  Basil Bear, Tamme Bishop
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> December 18, 2024 <b>Inspection Start Time:</b> 07:45 <b>Inspection End Date:</b> December 18, 2024 <b>Inspection End Time:</b> 10:30		<b>Inspection Type:</b> Coal Partial inspection (ground visit) with Aerial <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>  12/23/2024

**Inspection Topic Summary**

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

Y - Air Resource Protection

N - Availability of Records

N - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

R - Processing Waste

R - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

R - Slides and Other Damage

R - Support Facilities On-site

N - Signs and Markers

N - Support Facilities Not On-site

Y - Special Categories Of Mining

R - Topsoil

**COMMENTS**

A partial inspection was conducted by Rob Zuber and Hunter Ridley of DRMS on December 18, 2024. Mr. Zuber inspected the site on the ground and reviewed aerial photographs taken by Ms. Ridley. Basil Bear of BRL and Tamme Bishop (Stover & Associates) were present for most of the on-the-ground inspection.

The primary activity that was observed onsite was surveying of Gob Pile #3 by Steve Craigg. Per Art Etter (engineer with Wolverine Fuels), Gob Pile #3 was seeded in the weeks prior to this inspection.

The weather was clear and cool. The ground was muddy in some areas due to recent snow.

**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 North Fork of the Gunnison River was observed in the aerial photographs. There appeared to be no signs of pollutant loading from the mine site.

Six sediment ponds were inspected: B, C, D, F, J, and K. None of the ponds was close to discharging, but most of them contained snow and/or ice. The bottom of Pond J is obscured by cattails, and no water (liquid or solid) was seen. No significant problems were identified with embankments, spillways, inlet channels, or other features of the ponds.

No problems with ditches were observed. The check dams in the ditch along the road to Gob Pile #2 appeared to be functioning.

The ditch from Gob Pile #2 to Pond F appeared stable. A portion of this ditch must be completed after the soil pile has been used and the footprint reclaimed.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 2

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

Drainage Control; Surface Stabilization; Placement:

Gob Piles 1, 2, 3, and 4 appeared stable, and no significant erosion was observed. On the flat, un-reclaimed portion of Gob Pile #2, piles of material were seen. These are soil from pond cleaning and do not present a major problem. No low spots to collect water were seen on this pile, and the small ditches appear to be functioning.

**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):

The road to the portals was in adequate condition. The slopes adjacent to this road are generally stable, except for the slide at Curve 10 (see Slides and Other Damage section).

**SLIDES and DAMAGE - Rule 4.12:**

No problems were seen on the slopes above and below the benches. The slides above the B Portal Bench and Curve 11 (noted in the past) look stable.

At the slide above Curve Number 10, the slope appeared to be the same as in November, and the ditch appeared to be functioning.

**SUPPORT FACILITIES - Rule 4.04:**

The following areas appeared stable with no signs of erosion:

- Utility Bench
- D Portal Bench (some piles need to be graded)
- B Portal Bench
- Material storage area beside Topsoil Stockpile A
- Conveyor corridors
- Slopes above and below the Coal Stockpile Pad
- The area around the office
- Preparation Plant and nearby water tank
- Pump House and Filter Building
- Old power plant
- Storage area west of Pond D
- Unit Train Loadout

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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 appeared to be 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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## **ON-THE-GROUND PHOTOGRAPHS**



**Reclaimed slope on Gob Pile #2**



**Upper portion of Gob Pile #2, with piles that need to be spread**

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**Southeast corner of Gob Pile #3**



**South side of Gob Pile #3**

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**Pond F**



**Slide at Curve 10**

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 2



**AERIAL PHOTOGRAPHS**



**North Fork of Gunnison River on left and Gob Pile #3 in center foreground**

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**Gob piles**



**Gob Pile #2**

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**Gob Pile #3 and facilities**



**Gob Pile #3 and facilities**

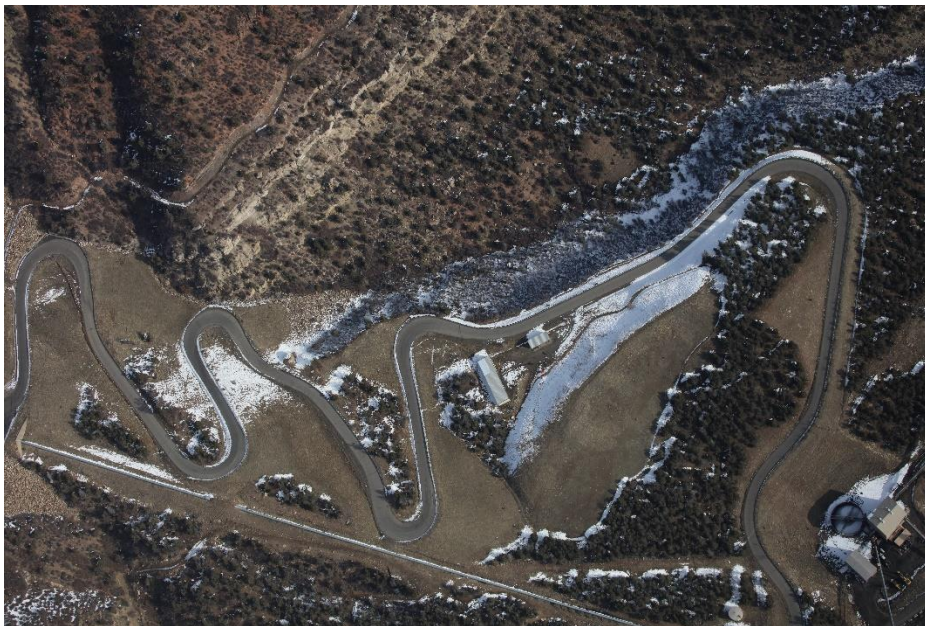
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**Portal benches, Utility Bench, conveyors, and upper part of haul road**



**Topsoil Stockpile A (and adjacent storage area), Prep Plant, and haul road**

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**Pond F and lower part of Gob Pile #2**

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Number of Complete Inspections this Fiscal Year: 2