



STATE OF  
COLORADO

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

---

## Bowie #2 inspection report

1 message

---

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

Mon, Apr 15, 2024 at 3:30 PM

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

Please see the attached report.

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



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

*I am working remotely and can be reached by cell at 720.601.2276.*

**Physical Address:**

1313 Sherman Street, Room 215  
Denver, CO 80203

**Mailing Address:**

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>



---


**INSP-REPORTC\_C1996083\_RDZ\_04152024.pdf**  
2403K



**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 in office
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> April 9, 2024 <b>Inspection Start Time:</b> 11:45 <b>Inspection End Date:</b> April 9, 2024 <b>Inspection End Time:</b> 14:40		<b>Inspection Type:</b> Coal Partial 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.	<b>Inspector's Signature:</b>  		<b>Signature Date:</b>  4/15/2024

**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

R - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

N - 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

N - Special Categories Of Mining

R - Topsoil

**COMMENTS**

A partial inspection was conducted by Rob Zuber of DRMS on April 9, 2024.

A pre-inspection meeting was held with Basil Bear in his office. Mr. Bear stated that BRL's surveyor has completed the survey for Gob Pile #3, and Stover and Associates staff are reviewing the information. He also stated that BRL staff are in the process of moving a pile of refuse from the Coal Stockpile Pad to Gob Pile #2.

Mr. Bear was not present during the field portion of the inspection.

The weather was clear and warm for April. The ground was dry.

FISH and WILDLIFE – Rule 4.18:

Many elk were seen on Topsoil Stockpile A.

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:

Pond F contained a small amount of water and was not close to discharging. No problems were identified with the embankment, spillways, inlet channels, or other features of the pond.

The Fire Mountain Canal was not flowing and contained little or no water. Some water, likely from precipitation runoff, was seen at some locations.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

**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:**

The slide above Curve Number 10 appears to have moved more in recent months. This is an ongoing project for BRL.

**SUPPORT FACILITIES - Rule 4.04:**

Several structures were inspected on the D Portal Bench. Heights of structures were measured with a laser instrument and horizontal dimensions were measured by counting paces. These measurements are estimates. The following list generally moves from east to west.

- Stacking Tube – The height of the tube itself is 82 feet. With the superstructure on top of it, the structure height is 120 feet. The diameter of the tube is 10 feet.
- Two small structures (brown metal) near the top of the downhill conveyor –
  - The southeast building is 13 feet high, and horizontal dimensions are 10 feet by 17 feet.
  - The northwest building is 13 feet high, and horizontal dimensions are 8 feet by 12 feet.
- Screen and Crusher Structure - 45 feet high, and horizontal dimensions are 20 feet by 38 feet.
- Rock Bin by crusher - 7 feet high, and horizontal dimensions are 12 feet by 20 feet. This uncovered structure is merely a pad and three concrete walls.
- MCC Building (concrete block walls) - 10 feet high, and horizontal dimensions are 15 feet by 38 feet.
- Magnet Structure - 39 feet high, and horizontal dimensions are 20 feet by 20 feet.
- Mine Vent Fan – Part has been removed. Portion left is 11 feet high, and horizontal dimensions are 20 feet by 20 feet.
- Rock Dust Storage Bin
  - The height of the bin is 52 feet, and the diameter is 8 feet.
  - The height of the block structure below the bin is 8 feet, and the horizontal dimensions 12 feet by 35 feet.
- Covered storage by fuel station - 10 feet high, and horizontal dimensions are 20 feet by 24 feet.
- Fuel Station Building - 21 feet high, and horizontal dimensions are 20 feet by 30 feet.
- Shop/Warehouse/Washbay - 20 feet high, and horizontal dimensions are 50 feet by 180 feet.
- Office - 28 feet high, and horizontal dimensions are 55 feet by 120 feet.

Six tanks are located at the D Portal Bench. A large one is behind the building, and five of them are in the building. Dimensions were not measured.

Number of Partial Inspection this Fiscal Year: 6

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 problems were seen with topsoil stockpiles or coverfill 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



**Slide at Curve 10**



**D Portal Bench, looking west**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3





**D Portal Bench – stacking tube and conveyor supports**



**D Portal Bench – small metal structures near top of transfer (downhill) conveyor**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3





**D Portal Bench - screen and crusher structure**



**D Portal Bench – mine vent area**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3





**D Portal Bench - covered storage by fuel station**



**D Portal Bench – large tank**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3



**D Portal Bench – covered tanks**



**D Portal Bench – elk on Topsoil Stockpile A**

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3