



STATE OF  
COLORADO

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

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## Bowie #1 inspection report

1 message

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

Thu, Apr 21, 2022 at 4:36 PM

To: Basil Bear <basilbear@wolverinefuels.com>, Tamme Bishop <tamme.jestover@bresnan.net>

Hello -

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.*

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**INSP-REPORTC\_C1981038\_RDZ\_04212022040148.pdf**  
2094K



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-038 <b>Mine Name:</b> Bowie No. 1 Mine <b>Operator:</b> Bowie Resources, LLC <b>Operator Address:</b> Mr. Basil R 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
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> April 20, 2022 <b>Inspection Start Time:</b> 09:15 <b>Inspection End Date:</b> April 20, 2022 <b>Inspection End Time:</b> 11:45		<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 and Date:</b>   4/21/2022	

**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

N - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

R - Roads

R - Reclamation Success

R - Revegetation

Y - Subsidence

R - Slides and Other Damage

NA - Support Facilities On-site

N - Signs and Markers

R - Support Facilities Not On-site

N - Special Categories Of Mining

N - Topsoil

**COMMENTS**

A partial inspection was conducted by Rob Zuber of DRMS on April 20, 2022. Basil Bear of Bowie Resources, LLC (BRL) was present at the East Mine, where he was spraying weeds (white top) with Curtail herbicide.

No mining or reclamation activities were being conducted at this site. BRL is focusing on Bowie No. 2 in 2022. Cattle were seen on site, below the RDA.

Mr. Bear indicated that he is still considering options related to the fallen fence at the upper part of the East Mine. After a closer inspection, it is apparent that working on that area could be a safety concern and it could result in a significant disturbance because soil and rocks would very likely be disturbed while performing the work.

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

**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 ponds at the loadout, the Coal Storage Area (near Black Bridge Road), and the West Mine were dry, and no problems were identified with these ponds.

Riprap ditches at the East Mine are stable. The diversion ditch above the pond at the loadout appeared to be functioning.

Flow in the Farmers Ditch was high. This ditch flows through a long culvert at the loadout, and the ends of the culvert were found to be in good shape.

Number of Partial Inspection this Fiscal Year: 5

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):

Roads at the East Mine were in good shape, as is the road to the ROM area.

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

No erosion was seen at the reclaimed areas of the East Mine, including:

- The main area along the haul road and around the old portals
- The RDA
- The Old Waste Disposal Area
- The drainage where the reclaimed ponds (Ponds 1 – 4) are located.

Straw bales southeast of the reclaimed RDA pond are functioning. At the first bend in the haul road west of the RDA, a bare spot exists near the edge of the disturbed area. BRL should use silt fence, erosion logs, or other practices to prevent erosion at this location.

Reclamation at the West Mine was in good shape.

**REVEGETATION – Rule 4.15**

Vegetative Cover; Timing:

White top was seen at the East Mine.

**SLIDES and DAMAGE - Rule 4.12:**

The slope around the fallen fence at the upper part of the East Mine was stable.

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

No problems were seen with the Coal Storage Area by Black Bridge Road.

The slope below the Loadout is stable. No erosion or other problems were seen there.

**DOCUMENTS RECEIVED - None****OTHER (SPECIFY) - None**

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

### **ENFORCEMENT ACTIONS/COMPLIANCE**

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

### **PHOTOGRAPHS**



**East Mine, lower portion**

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**East Mine, upper portion**



**East Mine, area of concern due to remaining fencing material**

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Number of Complete Inspections this Fiscal Year: 3





**Straw bales near RDA**



**Drainage below Old Waste Disposal Area**

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3





**West Mine, lower portion with ponds**



**Farmers Ditch below the loadout**

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3