

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

## **Bowie #1 inspection report**

1 message

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

Wed, Feb 14, 2024 at 11:02 AM

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

Hi, Basil and Tamme.

Basil, I am not sure if Brock waved to you guys, but he was flying above your mine sites yesterday.

Attached is my report based on his photos of Bowie No. 1 Mine.

Rob

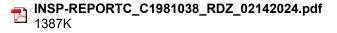
Rob Zuber, P.E. Environmental Protection Specialist Active Mines Regulatory Program



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

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1313 Sherman Street, Room 215
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1001 East 62nd Avenue

1001 East 62nd Avenue
Denver, CO 80216
rob.zuber@state.co.us | http://drms.colorado.gov





# **PERMIT INFORMATION**

Permit Number: C-1981-038 Mine Name: Bowie No. 1 Mine Operator: Bowie Resources, LLC Operator Address: Mr. Basil R Bear P.O. Box 1488	County: Delta Operation Type: Underground Permit Status: Active Ownership: Private  Operator Representative Present:	
Paonia, CO 81428	None	
	None	
Operator Representative Signature: (Field Issuance Only)		

# **INSPECTION INFORMATION**

Inspection Start Date: February Inspection Start Time: 13:40 Inspection End Date: February 1 Inspection End Time: 14:00	ŕ	Inspection Type: Aer Inspection Reason: N Weather: Clear	•	
Joint Inspection Agency: Joint		<b>Joint Inspection Contacts:</b>	nt Inspection Contacts:	
None				
Post Inspection Agency: Po		Post Inspection Contacts:		
None				
Inspector(s):	Inspecto	r's Signature:	Signature Date:	
Robert Zuber, P.E.	Phet	D. 7L		
Brock Bowles			12/14/2024	

### **Inspection Topic Summary**

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

Y - Air Resource Protection Y - Roads

N - Availability of Records R - Reclamation Success

NA - Backfill & Grading N - Revegetation

N - Excess Spoil and Dev. Waste Y - Subsidence

NA - Explosives

Y - Slides and Other Damage

N - Fish & Wildlife

NA - Support Facilities On-site

R - Hydrologic Balance N - Signs and Markers

R - Gen. Compliance With Mine Plan
 N - Other
 R - Support Facilities Not On-site
 NA - Special Categories Of Mining

N - Processing Waste N - Topsoil

### **COMMENTS**

On February 13, 2024, Brock Bowles of DRMS took aerial photographs of the mine. The weather was clear. Rob Zuber of DRMS reviewed the photos on February 14, 2024.

The majority of the East Mine was released from the permit with SL-09 in December 2023.

#### 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 West Mine contained a large amount of snow. The ponds at the coal storage by the highway and the loadout were nearly dry. No erosion or other problems were seen with the embankments or other portions of these ponds.

#### GENERAL MINE PLAN COMPLIANCE:

None of the photographs indicated that any parts of the mine permit are contributing significant sediment loads or other pollutants to adjacent off-site areas.

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

Reclaimed Ponds 1-4, southeast of the East Mine, were inspected. The West Mine was also inspected, including the area near the creek and the road at the north end. No erosion or other problems were identified.

### OFFSITE SUPPORT FACILIITES - Rule 4.04, 4.28:

No erosion or other problems were identified at the loadout. This includes the "Y" and adjacent bridge at the east end of the main loadout area, as well as the UPRR tracks adjacent to Grange Road and Black Bridge Road.

Number of <u>Partial</u> Inspection this Fiscal Year: 5 Number of <u>Complete</u> Inspections this Fiscal Year: 2 **DOCUMENTS RECEIVED - none OTHER (SPECIFY) - none** 

# ENFORCEMENT ACTIONS/COMPLIANCE

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

# **PHOTOGRAPHS**



Drainage near Pond 1 and Pond 2



**Drainage near Pond 3 and Pond 4** 

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**Lower portion of West Mine, including ponds** 



Coal storage area by highway, including pond



Loadout "Y" and adjacent bridge



Western portion of loadout with entrance and substation

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