

STATE OF
COLORADO

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

Bowie #1 inspection report

1 message

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Thu, Nov 16, 2023 at 7:42 AM

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

Good morning. Brock flew over the Bowie sites on Tuesday and took some photos. Attached is the related report.

Rob

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



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

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INSP-REPORTC_C1981038_RDZ_11152023.pdf
1373K



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 Paonia, CO 81428	County: Delta Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: November 14, 2023 Inspection Start Time: 10:00 (estimated) Inspection End Date: November 14, 2023 Inspection End Time: 10:30 (estimated)		Inspection Type: Aerial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts:	
Post Inspection Agency: None		Post Inspection Contacts:	
Inspector(s): Robert Zuber, P.E. Brock Bowles	Inspector's Signature: 		Signature Date: 11/15/2023

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

NA - Backfill & Grading

N - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

N - Roads

R - Reclamation Success

N - Revegetation

Y - Subsidence

Y - 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

On November 14, 2023, Brock Bowles of DRMS took aerial photographs of the mine. The weather was clear. Rob Zuber of DRMS reviewed the photos on November 15 and 16, 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 were completely dry. No problems were seen with the embankments or other portions of these ponds. The ponds at the coal storage by the highway and the loadout also appeared to have no problems.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

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

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

No erosion or other problems were identified at the loadout. This includes the eastern portion, along the UPRR tracks and adjacent to Grange Road and Black Bridge Road.

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

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS

Loadout with pond (blue circle) and coal storage by highway (yellow circle)

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Number of Complete Inspections this Fiscal Year: 1



“Y” northeast of loadout



Tracks south of “Y”

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1



East mine with Ponds 1 – 4 indicated with arrows



West Mine with ponds indicated with arrows

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1