



STATE OF
COLORADO

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

Inspection report for Bowie #1

1 message

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Thu, Aug 29, 2024 at 3:42 PM

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

Please see the attached 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_08292024.pdf
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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: Basil Bear, Ryan Wilson
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: August 28, 2024 Inspection Start Time: 12:10 Inspection End Date: August 28, 2024 Inspection End Time: 13:30		Inspection Type: Coal Partial 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.	Inspector's Signature: 		Signature Date: 8/29/2024

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 & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

R - Reclamation Success

N - Revegetation

N - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

R - 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 August 28, 2024. Basil Bear and Ryan Wilson were present at the loadout portion of the inspection.

No mining or reclamation activities were being conducted at this site, but a future reclamation project was discussed with Mr. Bear and Mr. Wilson. The Farmers Ditch is conveyed under the loadout through a 600-foot culvert. The project (outlined in TR-66) entails the removal of 300 feet of the culvert and construction of a new channel for this segment of the ditch. The design in TR-66 is conceptual. The actual alignment of the open channel will be determined during construction. The final design will be reflected in as-built drawings, submitted as another technical revision after construction. The project also entails the addition of a small area exemption (SAE) where the current pond is located, a new sedimentation basin, and possible movement of other infrastructure (including a 36" culvert and the ditch along the north side of the pond).

No cattle were seen at the West Mine. (Cattle have been seen there in the past.)

The weather was hot and clear. The ground was mostly 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 contained no water, and no problems were identified with these ponds.

The irrigation ditch that flows under the loadout (the Farmers Ditch) was flowing full. No problems were identified with the large culvert that contains this ditch.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0

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):

No problems were seen with the road to the reclaimed ROM area.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen at the West Mine, including the reclaimed road.

The reclamation in the area of Ponds 1, 2, 3, and 4 (East Mine) appeared to be good, as viewed from afar (the Old Waste Disposal Area).

SIGNS AND MARKERS – Rule 4.02:

No issues with signs or markers were identified during the inspection.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

No erosion or other problems were seen with the Coal Storage Area beside the intersection of Highway 133 and Black Bridge Road.

No erosion was seen at the loadout, including the steep slope between the loadout and the orchard below. The trestle across the river appears 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.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0

PHOTOGRAPHS



Coal Storage by Highway



Lower reclaimed ponds at East Mine (Ponds 3 and 4), viewed from above

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 0



Reclaimed road at West Mine



Ponds at West Mine

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Number of Complete Inspections this Fiscal Year: 0