



STATE OF
COLORADO

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

Inspection Reports

1 message

Zuber - DNR, Rob <rob.zuber@state.co.us>
To: Basil Bear <basilbear@wolverinefuels.com>

Mon, Aug 2, 2021 at 6:56 AM

Hello, Basil

Attached are two reports for aerial inspections of Bowie No. 1 and Bowie No. 2 Mines. Let me know if you have comments or inspections.

Also, let me know if you want me to cc Tamme Bishop or Jim Stover when I send my inspection reports.

Thanks,
Rob

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



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

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2 attachments



INSP-REPORTC_C1981038_RDZ_08012021043453.pdf
972K



INSP-REPORTC_C1996083_RDZ_08012021050213.pdf
1313K




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

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: July 30, 2021 Inspection Start Time: 11:11 Inspection End Date: July 30, 2021 Inspection End Time: 11:13		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: 8/1/2021

Inspection Topic Summary

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

N - 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

R - Roads

R - Reclamation Success

N - Revegetation

N - 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 July 30, 2021, Brock Bowles of DRMS took aerial photographs of the mine. The weather was clear. Rob Zuber of DRMS reviewed the photos prior to August 2, 2021.

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 and the pond at the former coal storage area by Black Bridge Road appeared to be completely dry. No problems were seen with the embankments or other portions of these ponds. The pond at the loadout was not inspected.

Ditches at all locations appeared stable.

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 erosion or other problems were identified with the road at the East Mine.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The reclamation on the following areas of the East Mine were inspected:

- Former bench areas
- The Old Waste Disposal Area
- Ponds 1 – 4
- The Refuse Disposal Area

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

The West Mine was inspected, including the buttress at the northeast corner.

No erosion 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

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: 1

Number of Complete Inspections this Fiscal Year: 0

PHOTOGRAPHS



Lower part of West Mine, including buttness



West Mine ponds

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



Upper part of East Mine



Lower part of East Mine

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



East Mine – Old Waste Disposal Area and reclaimed ponds



Loadout

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0