




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: May 12, 2021 Inspection Start Time: 16:30 Inspection End Date: May 12, 2021 Inspection End Time: 16:32		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: 5/13/2021

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

N - Slides and Other Damage

NA - Support Facilities On-site

N - Signs and Markers

R - Support Facilities Not On-site

Y - Special Categories Of Mining

N - Topsoil

COMMENTS

On May 12, 2021, Brock Bowles of DRMS took aerial photographs of the mine. The weather was clear. Rob Zuber of DRMS reviewed the photos on May 13, 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, the pond at the former coal storage area by Black Bridge Road, and the pond at the loadout appeared to be completely dry. No problems were seen with the embankments or other portions of these ponds.

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.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The reclamation on the following areas was inspected:

- The East Mine including
 - Former bench areas
 - The Old Waste Disposal Area
 - Ponds 1 – 4
 - The Refuse Disposal Area
- The ROM and timber storage areas and reclaimed pond below
- The West Mine.

No erosion problems were identified. The vegetation was brown in some areas and green in others, as expected in May.

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.

No signs of cracks were observed above the 600' culvert.

DOCUMENTS RECEIVED - none

OTHER (SPECIFY) - none

ENFORCEMENT ACTIONS/COMPLIANCE

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

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PHOTOGRAPHS



West Mine



ROM Area

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Upper end of the East Mine



Lower end of the East Mine, including the RDA, the Old Waste Disposal Area, and Ponds 1 and 2

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Ponds 3 and 4 at East Mine (center of photo)



Road west of the RDA at the East Mine

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The loadout



Trestle at the loadout

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Farmers Ditch, below the 600' culvert



The pond at the loadout (circled)

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