



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: March 31, 2021 Inspection Start Time: 11:30 Inspection End Date: March 31, 2021 Inspection End Time: 11:35		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: <i>Robert D. Zuber</i>		Signature Date: 4/5/2021

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

Y - Processing Waste

R - 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 March 31, 2021, Brock Bowles of DRMS took aerial photographs of the mine. The weather was clear. Rob Zuber of DRMS reviewed the photos on April 5, 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 were dry or mostly dry. No problems were seen with the embankments or other portions of these ponds.

Channels 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 was inspected:

- The East Mine 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.

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

No erosion problems were identified. The vegetation was brown, as expected in March.

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: 5

Number of Complete Inspections this Fiscal Year: 3

PHOTOGRAPHS



Upper portion of East Mine



Lower portion of East Mine

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



Reclaimed Ponds 1 and 2, Old Waste Disposal Area



ROM and Timber Storage Areas

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



West Mine ponds



Coal Storage by Black Bridge Road (center of photo)

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



Loadout – pond is circled



Loadout – north end including trestle across river

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3