



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: September 29, 2022 Inspection Start Time: 08:30 Inspection End Date: September 29, 2022 Inspection End Time: 10:50		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: <i>Robert D. Zuber</i>		Signature Date: September 30, 2022

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

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

R - Roads

R - Reclamation Success

R - Revegetation

Y - Subsidence

R - Slides and Other Damage

NA - Support Facilities On-site

R - Signs and Markers

N - Support Facilities Not On-site

Y - Special Categories Of Mining

N - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on September 29, 2022.

No mining or reclamation activities were being conducted at this site. BRL is focusing on Bowie No. 2 in 2022.

The weather was partly cloudy and warm. The ground was 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 West Mine were dry, and no problems were identified with these ponds (other than knapweed on the embankment for the lower pond). The lower end of the long culvert was inspected, and it was clear of debris.

Riprap ditches at the East Mine are stable. The sediment control practices (straw bales) southeast of the RDA were functioning.

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):

Roads at the East Mine and the road to the ROM area are in good shape.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen at the reclaimed areas of the East Mine, including:

- The main area along the haul road and around the old portals
- The RDA
- The Old Waste Disposal Area
- The drainage where the reclaimed ponds (Ponds 1 – 4) are located.

At the first switchback in the haul road west of the RDA, the slope below the road was inspected. No erosion control practices are in place here, but the slope is generally stable.

The West Mine was in good shape (no erosion or other problems), including the steep hill below Johnson Road.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The northeastern corner of the West Mine was walked, and no yellow starthistle were observed. Knapweed was seen on the embankment of the lower pond at the West Mine. Many dead thistle and knapweed were seen along the haul road below Johnson Road, indicating that BRL has been spraying to control them.

SLIDES and DAMAGE - Rule 4.12:

The slope around the fallen fence at the upper part of the East Mine was stable.

SIGNS AND MARKERS – Rule 4.02:

Entrance signs and boundary markers were seen in many locations.

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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Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



West Mine, northern portion



West Mine, slope below Johnson Road

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West Mine ponds



West Mine, lower end of long culvert

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East Mine, drainage below Old Waste Disposal Area



East Mine, lower portion with RDA

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Number of Complete Inspections this Fiscal Year: 1



East Mine, upper portion

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1