




PERMIT INFORMATION

Permit Number: C-1996-083 Mine Name: Bowie No. 2 Mine Operator: Bowie Resources, LLC Operator Address: Mr. Basil Bear P.O. Box 1488 Paonia, CO 81428	County: Delta Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: Basil Bear
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: April 19, 2022 Inspection Start Time: 13:00 Inspection End Date: April 19, 2022 Inspection End Time: 16:00	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: 4/21/2022

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

Y - Backfill & Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

R - Processing Waste

R - Roads

Y - Reclamation Success

R - Revegetation

Y - Subsidence

R - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

N - Support Facilities Not On-site

Y - Special Categories Of Mining

R - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on April 19, 2022. Basil Bear of Bowie Resources, LLC (BRL) did not participate in the field inspection except for a short time at Gob Pile #3.

BRL continues to focus the majority of their reclamation efforts on Gob Pile #3. Coverfill has been spread along most of the southern portion of the pile.

The weather was windy, clear and seasonably warm. The ground was dry. The small pad above the D Portal Pad (to the east) was not inspected due to inaccessible road conditions. Basil indicated that he would have his staff address this problem in the near future.

FISH and WILDLIFE – Rule 4.18:

Many animals were seen on site: a marmot at the D Portal bench, deer by the Prep Plant, ducks in the Deer Trail Ditch near the Filter Building, and buzzards by Gob Pile #2.

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 Fire Mountain Canal was flowing almost full, but there was no apparent seepage onto the Gob Pile #3 area. The east underdrain did not appear to be flowing.

BRL has recently cleaned ditches on site, including the large ditch below Gob Pile #3, Ditch J-3. All observed ditches were stable.

Six sediment ponds were inspected: B, C, D, F, J, and K. None of the ponds were discharging. Five of the ponds

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contained water from recent precipitation, but none of the ponds were close to full. (In Pond K, there was no standing water but the soil was muddy.) No problems were identified with embankments, spillways, inlet channels, or other features of the ponds.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

Overall the gob piles appeared stable. Parts of the piles were driven in a vehicle and appeared well compacted. Seepage from Gob Pile #2 is causing minor erosion and should be monitored closely. The BMPs on Gob Pile #2 appeared to be functioning well.

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 significant problems were seen with the roads. The hillsides above and below this road were generally stable.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Signs of weed control were seen around the site, including dead mullein plants at the D Portal pad.

SLIDES and DAMAGE - Rule 4.12:

It appears that slumps have not moved significantly in the recent past. These include slumps by the B Portal and by Curve Number 11 along the Haul Road. The Division recommends that these continue to be monitored closely by BRL.

SUPPORT FACILITIES - Rule 4.04:

All benches appeared stable with no signs of erosion. These include the pads for the Utility Bench, B Portal bench and the D Portal bench. Other comments on facilities:

- No problems were seen in the area around the Pump House and Filter Building.
- No erosion was seen on the slopes near the Preparation Plant and nearby water tank.
- The slopes above and below the Coal Stockpile Pad are stable.
- The material storage area beside Topsoil Stockpile A is very stable.
- No erosion or other problems were seen along the conveyor corridors.
- No erosion or other problems were identified at the eastern portion of the Unit Train Loadout.

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SIGNS AND MARKERS – Rule 4.02:

Disturbance markers, topsoil stockpile markers, and entrance signs were seen in many locations, and no compliance issues were noted.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

No problems were seen with topsoil stockpiles or coverfill piles.

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



Coverfill spread below Gob Pile #3



Ditch below Gob Pile #3

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Pond F



Ditch into Pond F (D-F7a)

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Hill above Prep Plant and Ditch B18



Road to Gob Pile #2, with old Power Plant on right

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Seep on lower portion of Gob Pile #2



Ditch from un-reclaimed portion of Gob Pile #2

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Slump above B Portal



Slump at Curve 11

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Road to portals

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