



STATE OF
COLORADO

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

Bowie #1 inspection report

1 message

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

Thu, Jul 1, 2021 at 5:09 PM

Basil -

Here is my report from yesterday.

Rob

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



COLORADO
Division of Reclamation,
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Department of Natural Resources

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INSP-REPORTC_C1981038_RDZ_07012021042630.pdf
1098K



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: June 30, 2021 Inspection Start Time: 09:30 Inspection End Date: June 30, 2021 Inspection End Time: 12:00		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: <i>Robert D. Zuber</i>		Signature Date: 7/1/2021

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

N - 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

R - Revegetation

Y - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

R - Support Facilities Not On-site

Y - Special Categories Of Mining

Y - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on June 30, 2021. Basil Bear of Bowie Resources, LLC (BRL) was at the Bowie No. 2 Mine; he did not participated in the field inspection. No mining or reclamation activities were being conducted at this site. BRL is focusing on Bowie No. 2 in 2021.

The weather was hot and clear, and the ground was mostly dry.

Because the vegetation at the West Mine is not doing well (it could be stressed by a low amount of moisture, insects, or other factors), the Division recommends that cattle and other livestock be kept off of this area until it recovers.

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 loadout, the Coal Storage Area (near Black Bridge Road), and at the West Mine were dry or mostly dry, and no problems were identified with these ponds.

The irrigation canal that flows through the loadout (Farmers Ditch) was full of water. No problems were observed with the ends of the 600-foot long, 60-inch diameter culvert.

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 4

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):

It appears that the road to the West Mine (access from the north) has not been reclaimed. If there is no plan to reclaim it, BRL should possibly change the Permit Application Package to reflect this. This should be discussed in the future with the Division.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen at the reclaimed area of the East Mine, the ROM and Timber Storage areas, or the West Mine. The buttress at the West Mine appears stable.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

Weeds were seen around the site. Particularly, Russian knapweed was seen at the East Mine, about 700 feet north of the RDA, along the road.

The vegetation at the West Mine is sparse, and the grass that is present is mostly short. A predominant species there is alfalfa. Some bare areas were seen at this area.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

No problems were seen with the Coal Storage Area by Black Bridge Road.

The slope below the loadout is stable. No erosion or other problems were seen at the loadout area.

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, looking down at sparse vegetation, butte, and pond

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East Mine, looking up from road next to reclaimed pond below RDA



Russian knapweed at East Mine

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