



STATE OF
COLORADO

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

Inspection report for Bowie No. 1 Mine

1 message

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Fri, Jul 25, 2025 at 3:31 PM

To: Art Etter <AETter@wolverinefuels.com>, Tamme Bishop <tammekb@gmail.com>, Ryan Wilson <RWilson@wolverinefuels.com>

Hello, All -

Attached is my inspection report from yesterday.

I think Kenny is doing a good job on the West Mine reclamation, but we should discuss it next week, especially in light of the design from TR-64.

Thanks,
Rob

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



COLORADO
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INSP-REPORTC_C1981038_RDZ_07252025.pdf
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PERMIT INFORMATION

Permit Number: C-1981-038 Mine Name: Bowie No. 1 Mine Operator: Bowie Resources, LLC Operator Address: Mr. Art Etter 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: July 24, 2025 Inspection Start Time: 07:00 Inspection End Date: July 24, 2025 Inspection End Time: 09:00		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Cloudy	
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: 7/25/2025

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

Y - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

R - Reclamation Success

R - Revegetation

N - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

R - Support Facilities Not On-site

N - Special Categories Of Mining

N - Topsoil

COMMENTS

A partial inspection was conducted by Rob Zuber of DRMS on July 24, 2025. Nobody representing Bowie Resources LLC (BRL) was present at the inspection.

No mining activities were being conducted at this site. Reclamation has begun at the West Mine. BRL is removing the large culvert and ponds, as discussed below under Hydrologic Balance.

The weather was warm and partly cloudy, with some smoke from fires in Western Colorado and/or Utah. 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;

BRL has begun reclamation of East Roatcap Creek at the West Mine. At the time of the inspection, an excavator was sitting idle on the embankment of the upper pond. The lower pond had been removed, several segments of large culvert pipe had been excavated, and approximately 100 feet of riprap channel had been constructed. Generally, the riprap channel looks well-constructed. Some items should be discussed between BRL and the Division as the construction continues:

** Per the design in the PAP (Map 8A-19 from TR-64), there will be intermittent boulders rather than a continuous riprap channel.

** The PAP (on page 60-b in Section 2.05) also suggests that it would be beneficial to create pools and drops within this reconstructed portion of East Roatcap Creek.

** If a riprap channel is constructed, it would be beneficial to place more small rocks in the voids between the large boulders to prevent scour.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

The ponds at the loadout, the coal storage area by Highway 133, and the West Mine contained no water (as noted the lower pond at the West Mine has been removed). No discharges or signs of discharges were observed. No problems were identified with embankments, spillways, or other aspects of these ponds.

No problems were identified with the large culvert (that carries the Farmers Ditch) or the other ditches and culverts at the loadout. The Farmers Ditch was flowing about half full in the culvert.

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 problems were identified with the road to the reclaimed ROM area. BRL should submit a revision to change the status of this road in the PAP.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

No erosion was seen in the previously reclaimed areas of the West Mine, including the reclaimed fan area.

No problems were identified with the reclamation at Ponds 1, 2, 3, and 4 at the East Mine. The vegetation cover is good in this area.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

No significant weed problems were observed at any of the locations that were inspected.

OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:

Approximately 100 segments of pipe were stored at the west side of the loadout. They are 2-foot diameter HDPE, and each appeared to be 50 – 60 feet long. Art Etter of Wolverine Fuels told the inspector (later, at Bowie No. 2 Mine) that these belong to the Terror Creek Ditch Company. The Division finds no problems with the temporary storage of these pipes.

No erosion was seen at the loadout, including the steep slope between the loadout and the orchard below. The trestle across the river appears stable.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

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: 1

Number of Complete Inspections this Fiscal Year: 0

PHOTOGRAPHS



Reclaimed Pond 4 at the East Mine, looking up the drainage



Reclaimed Pond 1 at the East Mine, looking up the drainage

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



Excavator at West Mine, looking upstream at the remaining pond



Pipes removed from under the lower pond

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



West Mine reclamation, looking downstream



Riprap placed at West Mine reclamation

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0



Coal storage by Highway 133, west side



Coal storage by Highway 133, east side

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0