



STATE OF
COLORADO

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

Inspection report for Bowie #2, February 2025

1 message

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

Wed, Feb 26, 2025 at 8:30 AM

To: Ryan Wilson <RWilson@wolverinefuels.com>, Basil Bear <basilbear@wolverinefuels.com>, Tamme Bishop <tammekb@gmail.com>

Here is my report for Bowie #2.

Rob

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



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INSP-REPORTC_C1996083_RDZ_02262025.pdf
2055K



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: None |
| Operator Representative Signature: (Field Issuance Only) | |

INSPECTION INFORMATION

| | | | |
|--|--|--|---|
| Inspection Start Date: February 20, 2025 Inspection Start Time: 07:45 Inspection End Date: February 20, 2025 Inspection End Time: 09:45 | | Inspection Type: Coal Complete 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: 2/26/2025 |

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

Y - Air Resource Protection

R - 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

Y - Revegetation

Y - Subsidence

R - Slides and Other Damage

R - Support Facilities On-site

Y - Signs and Markers

N - Support Facilities Not On-site

Y - Special Categories Of Mining

R - Topsoil

COMMENTS

A complete inspection was conducted by Rob Zuber of DRMS on February 20, 2025. No BRL representatives were present for the inspection.

Some areas were not accessed due to muddy conditions, including Ponds C and D, gob piles (they were viewed from afar), and the areas that are along the road that is next to Hubbard Creek. There was no reclamation activity onsite.

The weather was cloudy and cool. The ground was covered with a few inches of snow in many areas.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records were mostly found to be complete. Some documents need to be updated: the DRMS inspection reports (January 2025 was missing), the CDPS permit, and the air emissions permit (which appears to be expired). Please see the Availability of Records form in this report.

FISH and WILDLIFE – Rule 4.18:

Several elk were seen west of Pond B.

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:

Four sediment ponds were inspected: B, F, J, and K. None of the ponds was close to discharging, but three of them contained significant volumes of water. Pond K was the exception; it was nearly dry. No significant problems were identified with embankments, spillways, inlet channels, or other features of the ponds.

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

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

Drainage Control; Surface Stabilization; Placement:

Gob Piles 1, 2, 3, and 4 appeared stable, and no significant erosion was observed. The overburden pile that is southeast of Gob Pile #2 has been reduced to a small amount of material, as most of it has been spread on this pile. A berm below the remaining pile appears to be functioning to prevent the material from being transported by runoff.

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):

The road to the portals was in adequate condition. The slopes adjacent to this road are generally stable, except for the slide at Curve 10 (see Slides and Other Damage section).

SLIDES and DAMAGE - Rule 4.12:

No problems were seen on the slopes above and below the benches. The slides above the B Portal Bench and Curve 11 (noted in the past) look stable. The slide above Curve Number 10 also looked stable, compared to photographs taken in recent months.

SUPPORT FACILITIES - Rule 4.04:

The following areas appeared stable with no signs of erosion:

- Utility Bench
- D Portal Bench
- The B Portal Bench
- Material storage area beside Topsoil Stockpile A
- Conveyor corridors
- The Coal Stockpile Pad
- The area around the office
- The Preparation Plant and nearby water tank
- Pump House and Filter Building
- Old power plant
- The Unit Train Loadout

TOPSOIL – Rule 4.06

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

Topsoil stockpiles appeared to be stable.

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

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



Pond F with significant sediment recently deposited



Pond J

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



East portion of Gob Piles 1, 2, and 4 (from Pond J)



West portion of Gob Piles 1, 2, and 4 (from Pond J)

Number of Partial Inspection this Fiscal Year: 5

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South side of Gob Pile 3 (from loadout area)



Pond K

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



Curve 10 Slide



D Portal Bench and slope below Utility Bench

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3



B Portal Bench and Gob Piles 1, 2, and 4 (in background)

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 3

AVAILABILITY OF RECORDS**PERMIT RECORDS**

| | |
|---|---------------------------|
| DRMS Permit | Exp. 4 April 2027 |
| Permit Application w/Revisions | yes |
| Findings Document | RN-05, 12 January 2023 |
| Insurance Certificate | Expires 1 May 2025 |
| Bond Documents | SEE COMMENT 1 |
| Phased Bond Release Documents/Findings | SL2, 30 Decmbr. 2016 |
| Air Emission Permits | 98DL0726 Exp. 2024 |
| County Special Use Permits | NA |
| UG Mining Landowner Notification | Several years |
| Subsidence Monitoring Reports | NA |
| Subsidence Monitoring Data | NA |
| Rill & Gully Survey | February 29, 2024 |
| Vegetation Monitoring Data | NA |
| Specific Variance Approvals | NA |
| Annual Reclamation Reports | 2024 |
| Midterm Review Documents | MT5, 3 October 2019 |
| DRMS/OSM Inspection Reports/Enforcement Actions | Through December 2024 |
| Transfers/Succession of Operator | 10 August 2009 |
| Temporary Cessation Notification | NA |
| Reclamation Cost Estimate | SEE COMMENT 2 |

CERTIFICATIONS

| | |
|---|------------------------------------|
| Pond Certifications | 4Q 2024 |
| Fill Certifications for Underground Development Waste | Vol. IV for Gob Pile #1 |
| • Quarterly Inspections | 4Q 2024 |
| • Compaction Testing | October 2022 |
| • Final Certification | NA |
| Certs. for Coal Processing Waste Banks | Vols IX, XI (Gob Piles 2, 3, 4) |
| Haul Road Certifications | 1998 and 2013 |
| Access Road Certifications | Map 15 series |

HYDROLOGIC RECORDS

| | |
|-----------------------------------|-------------------------------|
| NPDES Permit | CO-0044776, Exp.Sept. 2024 |
| NPDES Records (DMRs) | Through January 2025 |
| Stormwater Management Plan | Revised January 2020 |
| SPCC Plan | August 2023 |
| MSHA Pond Inspections | NA |
| State Engineer's Pond Inspection | NA |
| Quarterly Pond Inspections | 4Q 2024 |
| Annual Hydrology Reports | 2023 |
| • Ground Water Monitoring | yes |
| • Surface Water Monitoring | yes |
| • Spring & Seep Monitoring | NA |
| • Mine Water Discharge Monitoring | NA |
| • Mine Inflow Study | NA |
| • Water Consumption Records | NA |
| Well Permits | NA |

BLASTING RECORDS

| | |
|----------------------------|----|
| Blasting Publication | NA |
| Blasting Records (3 years) | NA |
| ATFE Explosives Permit | NA |
| Blasting Variances | NA |
| Pre-Blast Surveys | NA |

**ADDITIONAL RECORDS
(specify)**

| | |
|-------------|---------------|
| SWMP Report | November 2024 |
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| | |

Number of Partial Inspection this Fiscal Year: 5Number of Complete Inspections this Fiscal Year: 3

COMMENTS:

1. Bond documents entail five corporate sureties (Lexon Company) for total of \$11,448,977.58:
 - o Bond # 1071397 for \$3,154,277.10
 - o Bond # 1071402 for \$1,502,277.97
 - o Bond # 1071403 for \$2,500,000.00
 - o Bond # 1071404 for \$2,217,169.51
 - o Bond # 1071405 for \$2,075,253.00.

2. **The RCE for RN-05 (total of \$11,448,977) is included in the records.**

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