



STATE OF
COLORADO

Bowles - DNR, Brock <brock.bowles@state.co.us>

Foidel Inspection report

1 message

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Wed, Dec 4, 2024 at 2:39 PM

To: Miranda Kawcak <mkawcak@peabodyenergy.com>, "Howard, Michael" <MHoward@peabodyenergy.com>

Miranda and Mike,
Attached is the Foidel Creek, C-1982-056, inspection report for November 2024.
Brock

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Brock Bowles
Environmental Protection Specialist



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 720.774.0040 | O 303.866.3567
Physical: 1313 Sherman St., Room 215, Denver, CO 80203
Mailing: Room 215, 1001 E 62nd Ave, Denver, CO 80216
brock.bowles@state.co.us | <https://drms.colorado.gov>




INSP-REPORTC_C1982056_BFB_12042024013933.pdf
3060K



PERMIT INFORMATION

Permit Number: C-1982-056 Mine Name: Foidel Creek Mine Operator: Twentymile Coal, LLC Operator Address: Ms. Miranda Kawcak 29515 Routt County Road No. 27 Oak Creek, CO 80467	County: Routt Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: Michael Howard
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: November 19, 2024 Inspection Start Time: 10:30 Inspection End Date: November 20, 2024 Inspection End Time: 15:00		Inspection Type: Coal Complete 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): Brock Bowles	Inspector's Signature: 		Signature Date: December 4, 2024

Inspection Topic Summary

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

R - Air Resource Protection**N** - Roads**N** - Availability of Records**N** - Reclamation Success**N** - Backfill & Grading**R** - Revegetation**N** - Excess Spoil and Dev. Waste**N** - Subsidence**N** - Explosives**N** - Slides and Other Damage**N** - Fish & Wildlife**N** - Support Facilities On-site**R** - Hydrologic Balance**N** - Signs and Markers**N** - Gen. Compliance With Mine Plan**N** - Support Facilities Not On-site**N** - Other**N** - Special Categories Of Mining**R** - Processing Waste**N** - Topsoil**COMMENTS**

This was a complete inspection of the Foidel Creek Mine conducted by Brock Bowles with the Colorado Division of Reclamation, Mining, and Safety (Division). Michael Howard of Twentymile Coal, LLC. (TC) was present for the inspection. The weather at the time of the inspection was clear, cool and the ground was partly snow covered and muddy, limiting access to many areas.

AIR RESOURCE PROTECTION – Rule 4.17:

The mine records were checked in the mine office and on the Division's online document system, Laserfiche. The records check list is available at the end of this report.

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:

Pond E contained water (photo 1). The pond was mostly snow covered and frozen.

The culvert west of the wash plant leading to the Pond D discharge area has recently been cleaned. It was greatly improved since the last inspection; although, some material was starting to accumulate in front of the culvert opening again.

The beaver dam that was clogging the 3 culverts in Foidel Creek by Pond B had been removed (photo 2). The water from the flow of the creek was now freezing in front of the culverts.

The sump above Ponds B had a lot of sediment removed. A patch of red snow was noted in the Pond B sump (photo 3). The red snow was only located on the inlet side of the sump and not near the outlet (photo 4). It was determined by the operator that the fluid causing the red snow was anti-freeze used on the belt system in winter. The red snow was removed from the sump by the end of the inspection (photo 5).

The pit pond contained water and was not frozen.

Pond C did not contain water and was snow covered.

Pond D contained water and was not frozen.

The 6 main north pond contained water and was not frozen (photo 6).

The discharge flume at the Tipple Pond had been replaced (photo 7). The soil was too wet and slippery to walk to

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Number of Complete Inspections this Fiscal Year: 2

the pond dam.

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

Drainage Control; Surface Stabilization; Placement:

Coal waste piles were stacked on the coal refuse pile (photo 8). The piles were on the north side of the pile. The overall top slope of the refuse was sloped to the south to allow for drainage.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The next lift face of the refuse disposal pile being reclaimed has been hydro seeded. The spray mulch could be seen around some melting snow (photo 9).

DOCUMENTS RECEIVED

OTHER (SPECIFY)

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS



Photo 1 – Pond E

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Photo 2 – Foidel Creek culverts by Ponds B



Photo 3 – Anti-freeze in sump above Ponds B

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Photo 4- Sump outlet above Ponds B



Photo 5 – Anti-freeze removed from sump above Ponds B

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Photo 6 – 6 Main North Pond



Photo 7 – Tipple Pond flume replaced

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Photo 8 – Stacked coal waste on refuse disposal area



Photo 9 – Hydro seeding mulch seen in tractor tracks

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	X – 5/2028
Permit Application w/Revisions	X
Findings Document	X – RN8
Insurance Certificate	X – 8/2025
Bond Document	X
Phased Bond Release Documents/Findings	X – SL1
Air Emission Permits	X
County Special Use Permits	X-exp 2024
UG Mining Landowner Notification	X-RN8
Subsidence Monitoring Reports	X-2023
Subsidence Monitoring Data	X-2023
Rill & Gully Survey	n/a
Vegetation Monitoring Data	n/a
Specific Variance Approvals	n/a
Annual Reclamation Reports	X-2024
Midterm Review Documents	X – MT8
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	X – 10/2024
Transfers/Succession of Operator	N/A
Temporary Cessation Notification	N/A
Reclamation Cost Estimate	X – MT8
CERTIFICATIONS	
Pond Certifications	X
Annual Certifications for Impoundments	X – 10/2024
Fill Certifications for Excess Spoil or Underground Development Waste	X – 3Q 2024
• Quarterly Inspections	X – 3Q 2024
• Compaction Testing	X – 3Q 2024
• Final Certification	N/A
Coal Processing Waste Banks	X – 3Q 2024
Haul Road Certifications	X
Access Road Certifications	N/A

HYDROLOGIC RECORDS

NPDES Permit	X-2012 admin ext
NPDES Records	X – 10/2024
Stormwater Management Plan	X
SPCC Plan	X
MSHA Pond Inspections	X – 7/2024
	N/A
State Engineer's Pond Inspection	
Quarterly Pond Inspections	X – 3Q 2024
Annual Hydrology Reports	X – 2023
• Ground Water Monitoring	X-2023
• Surface Water Monitoring	X-2023
• Spring & Seep Monitoring	X-2023
• Mine Water Discharge Monitoring	X-2023
• Mine Inflow Study	X-2023
• Water Consumption Records	X-2023
Well Permits	X

BLASTING RECORDS

Blasting Publication	N/A
Blasting Records (3 years)	N/A
ATFE Explosives Permit	X-EXP 2026
Blasting Variances	N/A
Pre-Blast Surveys	N/A

**ADDITIONAL RECORDS
(specify)**

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