



STATE OF
COLORADO

Reilley - DNR, Robin <robin.reilley@state.co.us>

Inspection Complete WF 2024 Nov

1 message

Reilley - DNR, Robin <robin.reilley@state.co.us>

Mon, Nov 4, 2024 at 7:15 PM

To: "Kawcak, Miranda" <MKawcak@peabodyenergy.com>, "Howard, Michael" <MHoward@peabodyenergy.com>, Robin Reilley - DNR <robin.reilley@state.co.us>

Good Evening Miranda,

Please find the above referenced inspection report for the site.

I'm available to answer any questions or concerns.

Thank you

Robin Reilley, M.S. GISP
Environmental Protection Specialist II



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

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

4 November 2024

PERMIT INFORMATION

Permit Number: C-1981-044 Mine Name: Williams Fork Mines Operator: Moffat County Mining, LLC Operator Address: Ms. Miranda Kawcak 29515 Routt County Road #27 Oak Creek, CO 80467	County: Moffat Operation Type: Underground Permit Status: Active Ownership: Private Michael Howard
This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 4 November 2024 Inspection Start Time: 1:45 p.m. Inspection End Date: 4 November 2024 Inspection End Time: 3:45 p.m.	Inspection Type: Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts: No
Post Inspection Agency: None	Post Inspection Contacts: No
Inspector(s): Robin Reilley, M.S. GISP	Inspector's Signature:  Signature Date: 4 November 2024

Number of Partial Inspection this Fiscal Year: 5

Number of Complete Inspections this Fiscal Year: 2

Inspection Topic Summary	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
R - Air Resource Protection	R - Roads
N - Availability of Records	R - Reclamation Success
R - Backfill & Grading	R - Revegetation
NA - Excess Spoil and Dev. Waste	Y - Subsidence
NA - Explosives	Y - Slides and Other Damage
R - Fish & Wildlife	Y - Support Facilities On-site
R - Hydrologic Balance	R - Signs and Markers
R - Gen. Compliance With Mine Plan	NA - Support Facilities Not On-site
NA - Other	NA - Special Categories Of Mining
NA - Processing Waste	R - Topsoil

COMMENTS

This was complete inspection of the Williams Fork Mine; permit C1981044, operated by Moffat County Mining LLC. The inspection was conducted, and the report prepared by me, Robin Reilley of the DRMS. Michael Howard, mine representative was present throughout the inspection. No hydrologic or air quality issues were detected over the course of the inspection. Conditions were cloudy, the air was calm, and the temperature was approximately 35 degrees Fahrenheit. Vegetation throughout the site was dormant at the time of inspection.

INSPECTION

GENERAL MINE PLAN COMPLIANCE:

SIGNS and MARKERS – Rule 4.02

- Pond identification stakes were prominently displayed in the vicinity of the ponds.
- Topsoil stockpiles observed were clearly marked with identifying stake.
- Stream buffer zone along the Williams Fork River in the cropland area is marked.

ROADS – Rule 4.03

Construction 4.03.1(3) I 4.03.2(3); Drainage 4.03.1(4) I 4.03.2(4); Surfacing and Maintenance 4.03.1(5) and (6) I 4.03.2(5) and (6); Reclamation 4.03.1(7) I 4.03.2(7)

- Main haul roads were dry and in good repair.
- Ditches throughout the site and along haul roads appeared to be functioning adequately. All ditches were dry at the time of inspection.

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; Drainage- Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18

Pond banks appeared stable and vegetated. Dams appeared stable and vegetated with no signs of seepage.

- Ditches throughout the site, along haul roads and in the cropland area appeared to be functioning adequately.
- All ponds were dry at the time of inspection.

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*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 instability or rills were noted on the observed topsoil piles. Topsoil piles are vegetated.
- Topsoil piles exist at the ponds for future pond reclamation.
- Topsoil piles are marked with a t-stake.

*COAL MINE WASTE BANKS– RULE 4.10**General Requirement 4.10.1; Site Inspection 4.10.2; Water Control Measures 4.10.3; Construction Requirements 4.10.4*

- Refuse pile was reclaimed, in 2020 and is capped, topsoiled and seeded.
- The refuse pile appears stable with no significant rills or gullies forming.

SLIDES and OTHER DAMAGE- Rule 4.12

- No recent slides, slumps, cracking, subsidence or other damage was observed over the course of the inspection.

BACKFILL and GRADING – RULE 4.14

- Reclamation of the 5A Portal area is complete.
- Backfilling, grading, topsoil and seeding occurred in 2023 at the 5A Portal.

*REVEGETATION - Rule 4.15**General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5*

- Revegetated areas of reclamation appeared stable at the time of inspection.
- 5A Portal area exhibits dormant vegetation.
- Small sage and chamisa shrubs are present on the 5A portal slopes as are some grasses.
- Vegetation throughout the site appeared dormant at the time of inspection.
- Croplands exhibited dormant stubble. having been harvested in early August.
- No significant weeds were noted at the time of inspection.

FISH and WILDLIFE– RULE 4.18

- Wildlife sightings included red and white tailed hawks, golden eagle, ravens, and numerous deer.

*INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5**Inspections 5.02; Availability of Records*

- As this was a partial inspection, records were not checked.

*DOCUMENTS RECEIVED**None**ENFORCEMENT ACTIONS/COMPLIANCE*

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

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PHOTOGRAPHS



Photo 1: Mine identification sign.



Photo 2: West end of the refuse pile exhibiting dormant grasses.

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Photo 3: South facing portal slopes exhibiting some small rivulets.



Photo 4: West facing portal slopes covered with dormant vegetation.

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Photo 5: *Williams Fork bottomlands from above at the portal area, looking northwest.*



Photo 6: *Williams Fork bottomlands from above at the portal area, looking north.*

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Photo 7: South end of the site looking north along the bottomlands of the Williams Fork River.



Photo 8: South end of the site looking north along the bottomlands of the Williams Fork River.

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AVAILABILITY OF RECORDS

PERMIT RECORDS

DRMS Permit	RN 8 2023
Permit Application w/Revisions	Yes
Findings Document	RN8 2023 MT8
Insurance Certificate	Exp. Aug 2025
Bond Document	Yes
Phased Bond Release	SL 4 and 5
Documents/Findings	Miranda Office
Air Emission Permits	Yes
County Special Use Permits	Yes
UG Mining Landowner Notification	Yes
Subsidence Monitoring Reports	Yes
Subsidence Monitoring Data	NA
Rill & Gully Survey	2018
Vegetation Monitoring Data	Miranda's office
Specific Variance Approvals	NA
Annual Reclamation Reports	2023
Midterm Review Documents	MT8 2021
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	Miranda's Office elec
Transfers/Succession of Operator	2006
Temporary Cessation Notification	2016 deactivated
Reclamation Cost Estimate	RN8
CERTIFICATIONS	Permit
Pond Certifications	
Annual Certifications for Impoundments	2024 Q3
Fill Certifications for Excess Spoil or Underground Development Waste	NA
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	reclaimed 2020 2024 Q3
Haul Road Certifications	Permit
Access Road Certifications	Permit

HYDROLOGIC RECORDS

NPDES Permit	Yes
NPDES Records	Miranda's elec
Stormwater Management Plan	Yes
SPCC Plan	Yes
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2024 Q3
Annual Hydrology Reports	2023
• Ground Water Monitoring	Yes
• Surface Water Monitoring	Yes
• Spring & Seep Monitoring	Yes
• Mine Water Discharge Monitoring	Yes
• Mine Inflow Study	Yes
• Water Consumption Records	Yes
Well Permits	Yes

BLASTING RECORDS

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

ADDITIONAL RECORDS

(specify)		

COMMENTS: Items highlighted in yellow require addressing.

Refuse pile report is included with pond reports

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