



STATE OF  
COLORADO

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

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## Inspection Complete WF

1 message

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

Fri, Apr 26, 2024 at 5:53 PM

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

Good Evening Miranda,

Please find DRMS's April 2024 inspection report for the above referenced site. This was a complete inspection.

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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**Insp\_Complete\_WilliamsFork\_2024\_04April.pdf**

4910K



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

**22 April 2024**

PERMIT INFORMATION

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

INSPECTION INFORMATION

Inspection Start Date: <b>22 April 2024</b> Inspection Start Time: 13:00 p.m. Inspection End Date: <b>22 April 2024</b> Inspection End Time: 5:00 p.m.	Inspection Type: <b>Coal Complete Inspection</b> Inspection Reason: Normal I&E Program Weather: Partly Cloudy
<b>Joint Inspection Agency:</b> <b>Post Inspection Agency:</b> None	<b>Joint Inspection Contacts:</b> <b>Post Inspection Contacts:</b>
<b>Inspector(s):</b> Robin A. Reilley, M.S. GISP	<b>Inspector's Signature:</b>  <b>Signature Date:</b> <b>26 April 2024</b>

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

Inspection Topic Summary	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
Y - Air Resource Protection	R - Roads
Y - 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	R - Support Facilities On-site
R - Hydrologic Balance	Y - 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	Y - 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. Miranda Kawcak, mine representative was present throughout the inspection. No hydrologic or air quality issues were detected at the time of inspection. Skies were partly cloudy and there was a stiff breeze. Temperatures hovered around 65 degrees Fahrenheit.

#### *MAINTENANCE ITEMS IDENTIFIED*

#### *OUTSTANDING MAINTENANCE*

#### *MAINTENANCE COMPLETED*

### ***INSPECTION***

#### *GENERAL MINE PLAN COMPLIANCE:*

#### *SIGNS and MARKERS – Rule 4.02*

- Pond identification signs were prominently displayed in the vicinity of the ponds and were in adequate repair at the time of inspection.
- Topsoil stockpiles observed were clearly marked with identifying signs.
- Stream buffer zone along the Williams Fork River in the cropland area is marked.
- Permit boundary markers were in place and visible, appearing in adequate numbers marking the boundary.
- The mine site identification sign observed at the main mine access point, (entrance from State Highway 13), was intact, displaying all required information: mine name, operator name, address, phone number, DRMS permit number and contact information.

#### *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 along haul roads appeared to be functioning adequately.

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*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*

- Ponds were dry at the time of inspection.
- Pond banks and dam slopes were vegetated with established vegetation. Badger holes were present in some pond banks.
- North facing pond slope to Pond 5A1 exhibits gullies and rills from last year.
- Stream buffer zone along the Williams Fork River exhibited a sign.
- Ditches along haul road and in the cropland area appeared to be functioning adequately.

*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 riling were noted on the observed topsoil piles. Topsoil piles are vegetated, with vegetation beginning to green.
- 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 has been reclaimed, capped, topsoiled and seeded.
- The refuse pile appears stable with no significant rills or gullies forming.
- The pile is vegetated, and the desired vegetation is establishing itself. The pile tends to be weedy in spots.

*SLIDES and OTHER DAMAGE- Rule 4.12*

- No slides 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.

*REVEGETATION - Rule 4.15*

*General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5*

- Revegetated areas of reclamation appear stable and were beginning to green at the time of inspection.
- Areas of the refuse pile comprises the desired vegetation species while other areas associated with wind exposure and more compact soil exhibit weeds particularly kosha.
- 5A Portal area exhibits grasses, clover and emerging sage shrubs.
- Croplands are greening with grasses some kosha and a few small patches of thistles.

*FISH and WILDLIFE– RULE 4.18*

- Wildlife sightings included red and white tailed hawks, ravens, sandhill cranes and a small group of doe with last spring's offspring.

*INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5*

*Inspections 5.02; Availability of Records*

- As this was a complete inspection, records were checked.
- Please see yellow highlighted topics to be rectified.

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

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

*PHOTOGRAPHS*

*Photo 1: Mine identification sign at main entrance.*

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***Photo 2:*** Mine waste at entrance ready to be disposed of.

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*Photo 3: Refuse Pile vegetation looking west.*

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***Photo 4:*** 5A portal slope looking east.



***Photo 5:*** 5A portal slope looking east. The light color is the weathered mulch applied in summer of 2023.

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*Photo 6: 5A portal slope looking east.*



*Photo 7: Slope toward the 5AP1 Pond below the shop area.*

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***Photo 8:** Rilling on slope to the 5API Pond.*



***Photo 9:** Overview of the cropland area in the bottomlands along the Williams Fork River, looking west from the 5A Portal.*

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***Photo 10:** Overview of the cropland area in the bottomlands along the Williams Fork River, looking north from the 5A Portal.*

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*Photo 11: Grass lined ditch that drains the cropland area, looking north.*

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*Photo 12: Vegetation cover in the southern section of the cropland area, looking north.*

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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	Aug 2023
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	Miranda's Office
Reports/Enforcement Actions (3 Years)	elec
Transfers/Succession of Operator	2006
Temporary Cessation Notification	2016 deactivated
Reclamation Cost Estimate	RN8
<b>CERTIFICATIONS</b>	Permit
Pond Certifications	
Annual Certifications for Impoundments	2023 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 Q1
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 Q1
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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