



STATE OF
COLORADO

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

Inspection Complete WF 2024 August

1 message

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

Fri, Aug 23, 2024 at 11:25 AM

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

Good Morning Ms. Kawcak,

Please find DRMS's 2024 August inspection report for the Williams Fork 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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COLORADO
 Division of Reclamation,
 Mining and Safety
 Department of Natural Resources

21 August 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 Miranda Kawcak
This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 21 August 2024 Inspection Start Time: 2:00 p.m. Inspection End Date: 21 August 2024 Inspection End Time: 17:00 p.m.	Inspection Type: Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy
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: 23 August 2024

Number of Partial Inspection this Fiscal Year: 1

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
R - Availability of Records	R - Reclamation Success
R - Backfill & Grading	R - Revegetation
NA - Excess Spoil and Dev. Waste	R - Subsidence
NA - Explosives	R - Slides and Other Damage
R - Fish & Wildlife	R - 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. Miranda Kawcack, mine representative was present throughout the inspection. No hydrologic or air quality issues were detected over the course of the inspection. The weather was partly cloudy. There was a slight breeze with temperatures hovering around 80 degrees Fahrenheit.

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 stake.
- 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.

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. All ponds were dry at the time of inspection.

- Slope to Pond 5A-P1 was well vegetated with yellow sweet clover, for the most part obscuring any gullies and rills.

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- Stream buffer zone along the Williams Fork River was marked.
- Ditches throughout the site, along haul roads 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, displaying adequate cover.
- 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.
- The refuse pile tends to be weedy on the knoll and slopes to the north.
- The slopes to the south have a good cover of grsses.

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 grasses, and a dense stand of yellow sweet clover. A formidable number of small sage and chamisa shrubs are establishing on the portal slopes.
- The three different soil amendments applied in fall of 2023 do not appear to exhibit any differences in vegetation cover or species diversity at this time.
- Croplands exhibited dry stubble having been harvested in early July. Alfalfa was prevalent in some places exhibiting dark green patches in the fields.
- 2600 bales of hay were cropped in July.

FISH and WILDLIFE– RULE 4.18

- Wildlife sightings included red tailed hawks, and ravens.

INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5

Inspections 5.02; Availability of Records

- As this was a complete inspection, records were 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 ID sign at the entrance of Highway 13.



Photo 2. Slope toward the 5AP1 Pond below the shop area comprises some grasses and a plethora of dormant yellow sweet clover.

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Photo 3: Backfilled and graded 5A Portal slopes, looking east.



Photo 4: Overview of cropland area adjacent to the Williams Fork River, looking north east. Note the green patches of alfalfa throughout the hay stubble.

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Photo 5: Overview of cropland area and backfilled and graded 5A Portal slopes and service building, viewed from bottomland below looking east.

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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 2024
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
CERTIFICATIONS	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 Q2
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 Q2
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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