



STATE OF
COLORADO

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

Inspections: Seneca IIW and Williams Fork June 2023

1 message

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

Fri, Jun 23, 2023 at 10:22 AM

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

Good Morning Miranda,

Please find the above referenced inspection reports. Please let me know of any questions that come up.

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



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

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2 attachments



Ins_Partial_Seneca_June_2023_06June.pdf

8811K



WF_Inspection__2023June.pdf

2353K



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

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 Operator Representative Present: Miranda Kawcak
Operator Representative Signature: (Field Issuance Only) This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: June 22, 2023 Inspection Start Time: 8:30 a.m. Inspection End Date: June 22, 2023 Inspection End Time: 4:00 p.m.		Inspection Type: Coal Complete Inspection Inspection Reason: OSM Oversight Inspection Weather: Cloudy	
Joint Inspection Agency: None		Joint Inspection Contacts:	
Post Inspection Agency: None		Post Inspection Contacts:	
Inspector(s): Robin Reilley, GISP Amber Michels DRMS Brook Zeller OSM	Inspector's Signature: 		Signature Date: June 22 2023

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

This was a complete inspection of the Williams Fork Mine; permit C1981044, operated by Moffat County Mining LLC. The inspection was conducted and the report and photos prepared by me, Robin Reilley of the DRMS. Miranda Kawcak, mine representative, was present throughout the inspection. Amber Michels of the DRMS participated in the inspection. As this also comprised an oversight inspection, Brook Zeller of the Office of Surface Mining (OSM) was also present throughout the inspection. The temperature hovered around 75 degrees F. There was a light breeze and conditions were cloudy. Wildlife, particularly deer and elk frequent the site. Numerous carcasses littered the landscape due to the severe winter.

Records were checked separately after the OSM oversight inspection.

PERMITTING ACTIONS in PROGRESS:***RN8******MAINTENANCE ITEMS******Rills and gullies at the slope below the No 5 Portal to the 5A-P1 Pond******MAINTENANCE ITEMS ADDRESSED******INSPECTION******GENERAL MINE PLAN COMPLIANCE:***

Reclamation is progressing as permitted. Facilities have been removed throughout the site and reclamation has been completed. Topsoil below the 5A Portal was placed and will be seeded this spring.

SIGNS and MARKERS – Rule 4.02

- Ponds were staked and topsoil piles were marked.

ROADS – Rule 4.03

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 4

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)

- The Haul Road at the entrance off State Highway 13 was passable and the site completely was accessible.

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 holding small amounts of snowmelt.

- Pond 9-P6 was dry at the time of inspection. Several large badger holes exist on pond banks.
- Pond 5A-P1 at 5A at portal was dry at the time of inspection. Sloped area to the pond had been topsoiled but not seeded. The slope has rills and gullies the length of the slope to the pond, approximately 8 to 12 inches wide and varying depths between 3 to 10 inches. The operator agreed to grade these gullies and armor a constructed drainage channel to direct water to the pond.
- Ponds SH- P1 and SH-P2 above the portal appeared dry at the time of inspection.

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 was noted at the time of inspection and piles were marked with stakes.
- Topsoil pile along road near the SH-P2 pond had been spread at the slope to the 5A-P1 Pond.

SLIDES and OTHER DAMAGE- Rule 4.12

No recent slumping was observed.

BACKFILL and GRADING – RULE 4.14

- Backfilling and grading has been completed.
- Rills and gullies in the recently spread topsoil below the 5A Portal will be graded and repaired.
- A small crack in the slope of the 5A Portal was observed. This will be monitored over the course of the field season for any additional movement.

REVEGETATION - Rule 4.15

General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5

- Reclamation, (topsoil and seeding) has been completed with the exception seeding at the 5A Portal, scheduled for this spring.
- The weeds identified throughout the inspection included, hounds tongue, thistle, yellow clover, kosha' pig weed and cheat grass. Weeds were not a topic of concern as the operator has a robust weed mitigation program and there was no infestation.
- Hydroseeding of the 5A Portal is scheduled to take place as soon as the hydroseeding products become available.
- Refuse pile exhibited good mix of native grasses, bromes, orchard grass, and some wheat grass. Some small bare spots and weeds were present.
- Cropland areas along the Williams Fork River exhibited established perennial grasses and good ground cover.

FISH and WILDLIFE– RULE 4.18

Wildlife is often observed throughout the Seneca IIW mine site. Wildlife observed comprised a variety of raptors Deer and elk were also observed to have been present at the site.

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

Permit documents were inspected.

DOCUMENTS RECEIVED

None

OTHER (SPECIFY)

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Photo 1: Erosion on slope to Pond 5A-P1 at 5A portal.

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Photo 2: Erosional features with Pond 5A-P1 at the top of the photo.

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Photo 3: Vegetation in the south cropland bottomlands.

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Photo 4: Pond 9-P6.

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Photo 5: Perennial grasses at the refuse pile looking west.

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AVAILABILITY OF RECORDS

PERMIT RECORDS		HYDROLOGIC RECORDS	
DRMS Permit	Yes Exp 2023. RN 6 2015	NPDES Permit	Yes
Permit Application w/Revisions		NPDES Records	2022 Q1 Computer
Findings Document	SL in Miranda's office	Stormwater Management Plan	Yes
Insurance Certificate	Aug 2023	SPCC Plan	Yes
Bond Document	Yes 2016	MSHA Pond Inspections	NA
Phased Bond Release Documents/Findings	SL 4 and 5 Miranda Office	State Engineer's Pond Inspection	
Air Emission Permits	yes	Quarterly Pond Inspections	2022 Q2
County Special Use Permits	yes	Annual Hydrology Reports	2020
UG Mining Landowner Notification	yes	• Ground Water Monitoring	AHR
Subsidence Monitoring Reports	yes	• Surface Water Monitoring	AHR
Subsidence Monitoring Data		• Spring & Seep Monitoring	AHR
Rill & Gully Survey	2018	• Mine Water Discharge Monitoring	AHR
Vegetation Monitoring Data	Miranda's Office	• Mine Inflow Study	
Specific Variance Approvals	NA	• Water Consumption Records	
Annual Reclamation Reports	2021	Well Permits	yes
Midterm Review Documents	MT7 2013		
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	Through January 2022	BLASTING RECORDS	
Transfers/Succession of Operator	2006	Blasting Publication	NA
Temporary Cessation Notification	2016 Deactivated	Blasting Records (3 years)	NA
Reclamation Cost Estimate	SL5 /MT. Electronically	ATFE Explosives Permit	NA
CERTIFICATIONS		Blasting Variances	NA
Pond Certifications	Permit	Pre-Blast Surveys	NA
Annual Certifications for Impoundments	2021 Q3		
Fill Certifications for Excess Spoil or Underground Development Waste		ADDITIONAL RECORDS (specify)	
• Quarterly Inspections			
• Compaction Testing			
• Final Certification			
Coal Processing Waste Banks	Q1 2022 (reclaimed 2020)		
Haul Road Certifications	permit		
Access Road Certifications	permit		

COMMENTS: Items highlighted in yellow require addressing
refuse pile report is included with pond reports

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