



STATE OF
COLORADO

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

Inspections August 2023 : Yoast, Seneca IIW and Williams Fort

1 message

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

Wed, Aug 30, 2023 at 11:52 AM

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

Good Afternoon,

Please find the above referenced Inspection Reports of August 2023. These were partial inspections. Please let me know if you have any questions or concerns.

Thank you.

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



COLORADO
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Mining and Safety
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3 attachments



Ins_Partial_Seneca_2023_08August_2.pdf
577K



Ins_Partial_Yoast_2023_08August2.pdf
1203K



INSP_Partial_WF_2023_08August2.pdf
3273K



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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: Kevin Copeland and Michael Howard
Operator Representative Signature: (Field Issuance Only) This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 29. August, 2023 Inspection Start Time: 08:00 a.m. Inspection End Date: 29 August, 2023 Inspection End Time: 10:15 a.m.		Inspection Type: Coal Partial 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): Robin Reilley, GISP	Inspector's Signature:  -		Signature Date: 30 August 2023

Inspection Topic Summary	
NOTE: 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 partial 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. The temperature hovered around 75 degrees Fahrenheit. There air was calm and conditions were clear. No hydrologic or air quality issues were detected at the time of inspection.

PERMITTING ACTIONS in PROGRESS:

RN8

MAINTENANCE ITEMS

1. Rills and gullies at the slope below the No 5 Portal to the 5A-P1 Pond require grading.
2. Russian olive saplings in Pond 5-P2 require removal.

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. Hydroseeding the portal slope was completed, and grasses, native shrubs and sweet clover had emerged.

SIGNS and MARKERS – Rule 4.02

- Ponds were staked and topsoil piles were 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)

- The Haul Road at the entrance off State Highway 13 was in good repair and the site was accessible.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

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

None of the ponds held water at the time of inspection. A couple of pond bottoms were covered with cottonwood and Russian olive saplings. All pond slopes, outslopes and dams appeared stable and vegetated. Ditches were vegetated, stable and appeared to be in good repair. Stream buffer zone was marked along the Williams Fork River.

- Pond 9-P1 was dry with dense vegetation covering the bottom of the pond.
- Ponds HR-P1 a, and b were dry with vegetated stable slopes.
- Pond 5A-P1 at 5A at portal was dry at the time of inspection. Pond slopes and bottom are vegetated. 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 and is scheduled for repair and seeding.
- The 9D-2 Ditch appeared stable and functioning adequately.
- The 5D-1P Ditch south end located in Williams Fork bottom land was vegetated, in good repair and appeared to be functioning adequately at the time of inspection.
- 9-D15 Ditch appeared in good repair.

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 on the piles at the time of inspection and piles were marked with stakes.

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 on the slope below the 5A Portal to 5A-P1 Pond will be graded and repaired.

REVEGETATION - Rule 4.15

General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5

- With the exception of the slope to the 5A-P1 Pond, reclamation, (topsoil and seeding) has been completed as has hydroseeding at the 5A Portal.
- Cropland areas along the Williams Fork River were dry stubble having been harvested earlier in the season. Alfalfa stands was present in areas of the field.
- Refuse pile vegetation cover comprises areas with adequate native grasses and areas of weeds. Cover is patchy.

FISH and WILDLIFE– RULE 4.18

Wildlife observed comprised a group of pronghorn deer and her fawns, a coyote and a variety of raptors.

INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5

Inspections 5.02; Availability of Records

Permit documents were not inspected as this was a partial inspection.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1

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:** Stream buffer zone sign in place along the Williams Fork River.*

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Number of Complete Inspections this Fiscal Year: 1



Photo 2: *The 5D-1P ditch located in Williams Fork bottom land looking north.*

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Photo 3: Cottonwood saplings growing in the bottom of Pond 5P-1.



Photo 4: Russian Olive saplings growing in the 5P-2 Pond bottom.

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Photo 5: Pond 9P-6 and culvert from road and ditch entering pond.



Photo 6: Pond 9P-1, exhibiting a densely vegetated bottom.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Photo 7: Pond 9P-5, dry with vegetated bottom and banks.



Photo 8: Pebble lined 9-D15 Ditch.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Photo 9: Pond 9P-7, exhibiting well established vegetation and big sagebrush shrubs.



Photo 10: Pond 9P-8 and its inlet culvert.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Photo 11: Pond 5A-Plat the portal



Photo 12: Overview of vegetation at the refuse pile.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 1



Photo 13: Hydroseeded slopes at the 5A Portal, showing signs of emerging vegetation.

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