



STATE OF
COLORADO

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

Inspections 2024 July: Williams Fork and Yoast

1 message

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

Mon, Jul 29, 2024 at 5:21 PM

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

Good Afternoon Miranda,

Please find the July 2024 complete inspection for the Yoast Site and the partial inspection for Williams Fork.

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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2 attachments



Insp_Partial_WilliamsFork_2024_07July.pdf

1076K



Ins_Complete_Yoast_2024_07July.pdf

1748K




COLORADO
Division of Reclamation,
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Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-1994-082 Mine Name: Yeast Mine Operator Address: Seneca Property LLC Ms. Miranda Kawcak 29515 Routt County Road No. 27 Oak Creek, CO 80467	County: Routt Operation Type: Surface Permit Status: Permanent Cessation 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: 24 July 2024 Inspection Start Time: 9:30 a.m. Inspection End Date: 24 July 2024 Inspection End Time: 1:30 p.m.	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Partly Cloudy
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Robin Reilley, M.S. GISP	Inspector's Signature:  Signature Date: 29 July 2024

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

COMMENTS

This was a complete inspection of the Yoast Mine, C1994082, operated by Seneca Property LLC. The inspection was conducted, and the report prepared by me, Robin Reilley of the DRMS. Miranda Kawcak, Seneca Properties Inc. representative was present throughout the inspection. No hydrologic or air quality issues were detected at the time of inspection. The weather was partly cloudy, with a wildfire smoke haze limiting visibility and slight breeze with temperatures hovering around 85 degrees Fahrenheit.

INSPECTION

MAINTENANCE ITEMS

1. Decant structure at pond 10 requires repairs.
2. Cattails at Pond 12 flume entrance and along upstream portion of flow path should be removed.

GENERAL MINE PLAN COMPLIANCE:

Reclamation has been completed at the site with the exception of the hillside above Pond 12 and ponds 12, 13 and 14. These areas comprise approximately 120 acres of Phase I and II reclamation slated for release this fall.

SIGNS and MARKERS – Rule 4.02

- The mine identification signs were in place at the site entrance and along County Road 37 where the ponds are accessed. The signs were 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), 4.03.2(3); Drainage 4.03.1(4), 4.03.2(4); Surfacing and Maintenance 4.03.1(5) and (6); 4.03.2(5) and; Reclamation 4.03.1(7) I 4.03.2(7).

- Roads appeared stable and in good condition.
- No fugitive dust was noted.

Number of Partial Inspection this Fiscal Year: 0

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

Pond banks appeared stable and well vegetated. Dams appeared stable and well vegetated with no signs of seepage. Pond emergency spillways appeared to be functioning adequately. All ponds held water at the time of inspection.

- Pond 10 discharging through the decant well
- Decant structure is rusted at well and along culvert to flume., and there is a stand of cattails at the entrance to the flume.
- Pond 12 was discharging clear water at the time of inspection.
- Flume is difficult to reach due to verdant summer vegetation.
- Pond 13 appeared slightly turbid and was not discharging at the time of inspection.
- Pond 13 had been scheduled for a dye treatment in early June to prevent summer algal growth. As there were small algal mats present, it appears the dye was not administered.
- Springs above Ponds 12 and 13 were dry at the time of inspection.
- Pond 14 held water at the time of inspection.

SLIDES and OTHER DAMAGE- Rule 4.12

- No areas of new instability, slumping or sliding were noted above the ponds at the time of inspection.
- Known slumps and springs above ponds 12 and 13 appeared dry and exhibited no new activity.

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 with good cover and an adequate species diversity consisting of shrubs, grasses, and native perennials.
- Vegetation had matured for the summer, and some species were beginning to dry up and become dormant.
- Tree plantings at Pond 12 appeared vigorous and healthy.

FISH and WILDLIFE– RULE 4.18

Wildlife sightings included red and white tailed hawks.

INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5

Inspections 5.02; Availability of Records

Records were inspected as this was a complete inspection. See any yellow highlighted items on the checklist.

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

DOCUMENTS RECEIVED

None

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Photo 1: Yoast permit identification sign on County Road 37.



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Photo 2: Pond 10 looking up valley to the associated wetlands.



Photo 3: Pond 10 flume and stand of cattails at flume entrance.



Photo 4: Pond 12 and healthy tree stands in the background.

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	OK. Exp 2025
Permit Application w/Revisions	2021 RN 7
Findings Document	RN 7 2021
Insurance Certificate	EXP 1 Aug 2024
Bond Document	yes
Phased Bond Release	SL 8. Miranda's
Documents/Findings	office
Air Emission Permits	OK
County Special Use Permits	OK
Mining Landowner Notification	OK
Subsidence Monitoring Reports	
Subsidence Monitoring Data	
Rill & Gully Survey	2018 Rill gully.
Vegetation Monitoring Data	SL7 Miranda's
	Office
Specific Variance Approvals	Permit
Annual Reclamation Reports	2023 elec
Midterm Review Documents	MT 8 2023 elec
DRMS/OSM Inspection	Through 2024
Reports/Enforcement Actions (3 Years)	ELEC
Transfers/Succession of Operator	OK. 2016
Temporary Cessation Notification	
Reclamation Cost Estimate	SL7, 2021 ELEC

CERTIFICATIONS

Pond Certifications	Tab 13 Permit
Annual Certifications for Impoundments	Doc
Fill Certifications for Excess Spoil or Underground Development Waste	Oct 2022
• Quarterly Inspections	
• Compaction Testing	
• Final Certification	
Coal Processing Waste Banks	
Haul Road Certifications	Tab 13
Access Road Certifications	NA

HYDROLOGIC RECORDS

NPDES Permit	OK
NPDES Records	DMRs ELEC
Stormwater Management Plan	Miranda's Office
SPCC Plan	With SMP
MSHA Pond Inspections	NA
	Oct 2023
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2024 Q2
Annual Hydrology Reports	2023
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	AHR
• Mine Water Discharge Monitoring	AHR
• Mine Inflow Study	AHR
• Water Consumption Records	Miranda's office
Well Permits	Yes

BLASTING RECORDS

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

ADDITIONAL RECORDS (specify)

COMMENTS: Yellow highlighted items require attention

- ELEC: Documents are available electronically on Miranda's PC

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