



STATE OF
COLORADO

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Inspection Sage Creek 2024 Q2

1 message

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

Tue, Jun 11, 2024 at 12:16 PM

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

Good Afternoon Miranda and Mike,

Please find the June 2024 complete inspection for the Peabody Sage Creek site.

Please let me know of any questions you may have.

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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Ins_CompleteSageCK_2024_Q2.pdf

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COLORADO
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PERMIT INFORMATION

Permit Number: C2009087 Mine Name: Sage Creek 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: Michael Howard
Operator Representative Signature: (Field Issuance Only) This report was issued electronically from the Divisions' Denver Office.	

INSPECTION INFORMATION

Inspection Start Date: 4 June 2024 Inspection Start Time: 8:30 a.m. Inspection End Date: 4 June 2024 Inspection End Time: 15:00 p.m.	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: 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: 10 June 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 Y - Fish & Wildlife R - Hydrologic Balance R - Gen. Compliance With Mine Plan R - Facilities NA - Processing Waste	R - Roads NA - Reclamation Success NA - Revegetation Y - Subsidence Y - 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 Sage Creek Mine, operated by Peabody Sage Creek Mining, LLC. The inspection was conducted, and the report prepared by me, Robin Reilley of the DRMS. Michael Howard, 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 slight breeze and temperatures hovering around 75 degrees Fahrenheit.

INSPECTION

GENERAL MINE PLAN COMPLIANCE:

The site is inactive and not in reclamation. Should the economics of further coal extraction at the site become beneficial the site could be reactivated. Mining facilities and infrastructure remain in place. Utilizable equipment from the reclaimed Williams Fork site has been stockpiled at the Sage Creek site for possible future use. Equipment is stockpiled throughout the site and utilized at the Foidel site when needed there.

SIGNS and MARKERS – Rule 4.02

- The mine identification signs were in place at the site entrance The sign was intact, displaying all required information: mine name, operator name, address, phone number, DRMS permit number and contact information.
- The sign appeared very faded and difficult to read, requiring replacement.

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 (6).

- Roads appeared stable and in good condition at the time of inspection.
- No fugitive dust was noted over the course of the inspection.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

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 and dam outslopes appeared stable and well vegetated at the time of inspection. No seepage through the pond dams was observed at the time of inspection. Pond emergency spillways appeared to be functioning adequately.

- Sage Creek Pond 2 was holding water at the time of inspection. Water appeared to be discharging out of the bottom of flume.
- The flume appears defective and requires replacing. The operator has a replacement flume and will be executing the replacement in the near future.
- ***Last photo pond 3***

SLIDES and OTHER DAMAGE- Rule 4.12

- No areas of instability, slumping or sliding were noted at the time of inspection.

*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

PHOTOGRAPHS

Photo 1: Signage at entry to the site.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 2: Flume at Pone 2, requiring replacement.



Photo 3: Structures and facilities.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 4: Sealed portals in background and settling pond in foreground.



Photo 5: Sealed portals in background and conveyor.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 6: Pond 4 from above.



Photo 7: Empty water tanks.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 8: Stockpiled equipment.



Photo 9: Overview of portal area.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



***Photo 10:** Transformers and water tanks.*



***Photo 11:** Pond 2 from above.*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 12: Former site of the coal stockpile.



Photo 13: Replacement flume for Pond 2 in foreground of stockpiled materials.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 14: Structures and stockpiled materials.



Photo 15: Pond 3.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	PR2 2020
Permit Application w/Revisions	Yes
Findings Document	MT3 2023
Insurance Certificate	Aug 2023
Bond Document	Yes SI 1 2024
Phased Bond Release	SL4 2017
Documents/Findings	
Air Emission Permits	Yes
County Special Use Permits	Yes
UG Mining Landowner Notification	Yes
Subsidence Monitoring Reports	Yes 2015
Subsidence Monitoring Data	na
Rill & Gully Survey	2016
Vegetation Monitoring Data	2017
Specific Variance Approvals	NA
Annual Reclamation Reports	2023
Midterm Review Documents	MT3 2023
DRMS/OSM Inspection	2023
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	2016 parent co
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	NA
Haul Road Certifications	Permit
Access Road Certifications	Permit

HYDROLOGIC RECORDS

NPDES Permit	Yes
NPDES Records	Miranda's elec
Stormwater Management Plan	Yes 2023
SPCC Plan	Yes
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2024 Q
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