



STATE OF  
COLORADO

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

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## Inspection 2024 July PSGCK

1 message

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

Tue, Jul 30, 2024 at 11:17 AM

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

Goodmorning Miranda

Please find the July 2024 inspection for the Peabody Sage Creek site. This was a complete inspection.

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\_07July.pdf**

1237K




**COLORADO**  
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Mining and Safety  
Department of Natural Resources

**PERMIT INFORMATION**

<b>Permit Number:</b> C2009087 <b>Mine Name:</b> Sage Creek  <b>Operator Address:</b> Peabody Sage Creek Mining LLC Ms. Miranda Kawcak 29515 Routt County Road No. 27 Oak Creek, CO 80467	<b>County:</b> Routt <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Private  <b>Operator Representative Present:</b>  Miranda Kawcak
<b>Operator Representative Signature: (Field Issuance Only)</b> This report was issued electronically from the Divisions' Denver Office.	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> 22 July 2024 <b>Inspection Start Time:</b> 2:00 p.m. <b>Inspection End Date:</b> 24 July 2024 <b>Inspection End Time:</b> 10:00 a.m.	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>
<b>Inspector(s):</b>  Robin Reilley, M.S. GISP	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  30 July 2024

<b>Inspection Topic Summary</b>	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
<b>R</b> - Air Resource Protection <b>R</b> - Availability of Records <b>NA</b> - Backfill & Grading <b>NA</b> - Excess Spoil and Dev. Waste <b>NA</b> - Explosives <b>R</b> - Fish & Wildlife <b>R</b> - Hydrologic Balance <b>R</b> - Gen. Compliance With Mine Plan <b>R</b> - Facilities <b>NA</b> - Processing Waste	<b>R</b> - Roads <b>NA</b> - Reclamation Success <b>NA</b> - Revegetation <b>R</b> - Subsidence <b>R</b> - Slides and Other Damage <b>N</b> - Support Facilities on site <b>R</b> - Signs and Markers <b>NA</b> - Support Facilities Not on site <b>NA</b> - Special Categories Of Mining <b>NA</b> - 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. 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 haze limiting visibility. There was a slight breeze and temperatures hovered around 75 degrees Fahrenheit.

#### *INSPECTION*

##### *MAINTENANCE ITEMS*

*Flume at Pond 2 requires replacing*

##### *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 Creek site when needed.

##### *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.

##### *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: 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 and dam out slopes 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.
- Pond 3 was holding water at the time of inspection.

*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: 1



***Photo 2:** “Smart” ditches at the portal, conveying water to Pond 2.*

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 1



22 July 2024



*Photo 3: Pond 3 and nearby structures.*

**AVAILABILITY OF RECORDS****PERMIT RECORDS**

DRMS Permit	PR2 2020
Permit Application w/Revisions	Yes
Findings Document	MT3 2023
Insurance Certificate	EXP Aug 2024
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
<b>CERTIFICATIONS</b>	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 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**

<b>(specify)</b>	

COMMENTS:  

Refuse pile report is included with pond reports

22 July 2024