

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

Inspections Complete PBSC ane WF

1 message

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

Thu, Apr 17, 2025 at 12:18 PM

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

Good Afternoon,

Please find attached DRMS's 2025 April Inspection Reports for the above referenced sites. These were complete inspections.

Thank you

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



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2 attachments



Ins_CompleteSageCK_2025_04April.pdf 2964K



Insp_Complete_WilliamsFork_20 2422K



PERMIT INFORMATION

Permit Number: C2009087

Mine Name: Sage Creek

Operator Address:

Peabody Sage Creek Mining 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:

Mike Howard

Operator Representative Signature: (Field Issuance Only)

This report was issued electronically from the Divisions' Denver Office.

INSPECTION INFORMATION

Inspection Start Date: 14 April 2025 Inspection Type: Complete Inspection Inspection Reason: Normal I&E Program **Inspection Start Time:** 15:00 p.m. **Inspection End Date: 14 April 2025** Weather: Clear

Inspection End Time: 16:30 p.m.

Joint Inspection Agency: Joint Inspection Contacts:

Post Inspection Agency: Post Inspection Contacts:

Inspector's Signature: Inspector(s): Bobin Beilley **Signature Date:**

17 April 2025

Robin Reilley, M.S. GISP

OSM

None

Inspection Topic Summary NOTE: Y=Inspected V=Violation Issued N=Not Inspected NA=Not Applica	
 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 R - Facilities 	 R - Roads NA - Reclamation Success NA - Revegetation Y - Subsidence Y - Slides and Other Damage R - Support Facilities on site R - Signs and Markers NA - Support Facilities Not on site NA - Special Categories Of Mining
NA - Processing Waste	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. Various structures and infrastructure are present throughout the site and some are documented below. The inspection involved checking the various buildings for storage of chemicals. No hydrologic or air quality issues were detected at the time of inspection. The weather was clear. The air was calm, and temperatures hovered around 60 degrees Fahrenheit.

INSPECTION

MAINTENANCE ITEMS

- 1. The ditch receiving spoil spring discharge from the portal area requires cleaning of cattails and deepening to prevent water flow across the road.
- 2. Barrels containing used oil filters and rags should be removed.

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 site for possible future use. Equipment is stockpiled throughout the site and utilized at the Foidel Creek site when needed. Currently activities at the site comprise clean up of items that are not usable, demolition of some small, damaged structures. Various cleaning agents, barrels storing oil filters and oily rags and chemicals such as muriatic acid are stored in various buildings.

SIGNS and MARKERS – Rule 4.02

 The mine identification sign was 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.

Number of <u>Partial</u> Inspection this Fiscal Year: 1 Number of <u>Complete</u> Inspections this Fiscal Year: 4

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).

- o Roads appeared stable and in good condition at the time of inspection with the exception of the area where spoil spring water was flowing across the road.
- o No fugitive dust was noted over the course of the inspection.

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.

At the portal there is a spoil spring draining into a ditch through a French drain. The north cliffwall above the ditch seeps water. Not all drainage from the cliffwall and the drain is contained in the ditch as it travels down the dich to a sump. The ditch requires clean out of vegetation and deepening to contain the spoil spring discharge.

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.

- o Pond 2 was discharging clear water.
- o A culvert discharges into Pond 2 from the slopes to the north about halfway up the length of the pond. The culvert did not appear to be discharging at the time of inspection.
- A primary settling pond is located above Pond 2 and was discharging. The settling pond dam appears in good repair.
- Pecoco pond is discharging, clear water to the small pond below. The discharge culvert is partially collapsed at the top.
- o Pond 3 was discharging clear water.

SLIDES and OTHER DAMAGE- Rule 4.12

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

FISH and WILDLIFE-RULE 4.18

Wildlife sightings included hawks, ravens and waterfowl.

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: Mine identification sign at entry to the site.



Photo 2: Portal Area.

Number of <u>Partial</u> Inspection this Fiscal Year: 1 Number of <u>Complete</u> Inspections this Fiscal Year: 4

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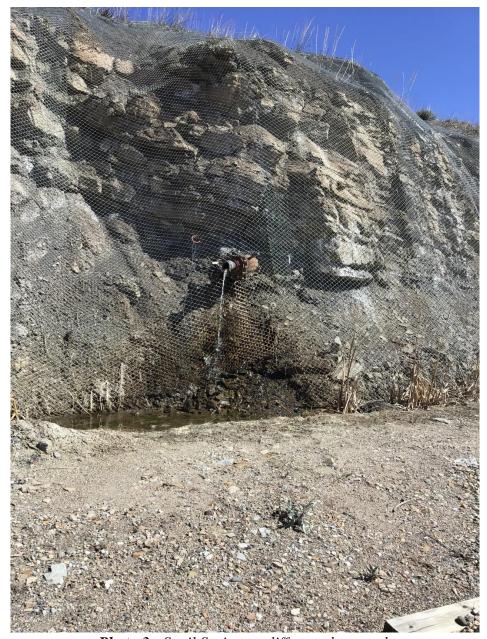


Photo 3: Spoil Spring at cliff near the portal.



Photo 4: Spoil Spring drainage ditch, flow impeded by cattails.



Photo 5: Pond 2 holding water.



Photo 6: Grassey Creek Stream Buffer Zone marker..



Photo 7: Pond 3 and its discharge culvert looking southeast.



Photo 8: Storage of cleaning and chemical agents.



Photo 9: Storage of discarded oil filters.

AVAILABILITY OF RECORDS

PERMIT RECORDS		HYDROLOGIC RECORDS	
DRMS Permit	PR2 2020	NPDES Permit	Yes
Permit Application w/Revisions	Yes	NPDES Records	Miranda's elec
Findings Document	MT3 2023	Stormwater Management Plan	Yes 2023
Insurance Certificate	EXP Aug 2025	SPCC Plan	Yes
Bond Document	Yes SI 1 2024	MSHA Pond Inspections	NA
Phased Bond Release	SL4 2017	_	NA
Documents/Findings		State Engineer's Pond Inspection	
Air Emission Permits	Yes	Quarterly Pond Inspections	2024 Q3
County Special Use Permits	Yes	Annual Hydrology Reports	2023
UG Mining Landowner Notification	Yes	 Ground Water Monitoring 	Yes
Subsidence Monitoring Reports	Yes 2015	 Surface Water Monitoring 	Yes
Subsidence Monitoring Data	na	 Spring & Seep Monitoring 	Yes
Rill & Gully Survey	2016	 Mine Water Discharge Monitoring 	Yes
Vegetation Monitoring Data	2017	 Mine Inflow Study 	Yes
Specific Variance Approvals	NA	Water Consumption Records	Yes
Annual Reclamation Reports	2024	Well Permits	Yes
Midterm Review Documents	MT3 2023		
DRMS/OSM Inspection	2023		
Reports/Enforcement Actions (3			
Years)		BLASTING RECORDS	
Transfers/Succession of Operator	2016 parent co	Blasting Publication	NA
Temporary Cessation Notification	2016 deactivated	Blasting Records (3 years)	NA
Reclamation Cost Estimate	RN8	ATFE Explosives Permit	NA
CERTIFICATIONS	Permit	Blasting Variances	NA
Pond Certifications		Pre-Blast Surveys	NA
Annual Certifications for Impoundments	2024 Q3		
Fill Certifications for Excess Spoil or Underground Development Waste	NA	ADDITIONAL RECORDS	
Quarterly Inspections	NA	(specify)	
 Quarterly hispections Compaction Testing	NA		
Final Certification	NA		-
Coal Processing Waste Banks	NA		-
Haul Road Certifications	Permit		-
Access Road Certifications	Permit		
Access Road Certifications	remm		
COMMENTS: Items highlighted in yellow require addressing.			
Refuse pile report is included with po	nd reports		