




COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-2009-087 Mine Name: Peabody Sage Creek Mine Operator: Peabody Sage Creek Mining, LLC Operator Address: Ms Mirdanda Kawcak 29515 Routt County Road 27 Oak Creek, CO 80467	County: Routt Operation Type: Underground Permit Status: Temporary Cessation Ownership: Private
	Operator Representative Present: Miranda Kawcak
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: July 29, 2020 Inspection Start Time: 9:00 Inspection End Date: July 30, 2020 Inspection End Time: 13:00		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Overcast, some rain	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Tabetha Lynch	Inspector's Signature: 		Signature Date: 8/4/20

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

Y - Air Resource Protection

R - Availability of Records

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

N - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

Y - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

Y - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Peabody Sage Creek Mine; DRMS Permit No. C-2009-087, operated by Peabody Sage Creek Mining, LLC. This inspection was conducted by Tabet Lynch with the Colorado Division of Reclamation, Mining and Safety (Division). Also present for the inspection was Miranda Kawcak with Peabody Sage Creek Mining. The Sage Creek Mine is an inactive non-producing mine currently in Temporary Cessation. The shop area was being used as a staging area for construction of the stoker coal building under construction at the Foidel Creek Mine, some materials are still on site.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Records were checked at the Foidel Creek Mine Office. See checklist at the end of this report for details.

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; Surface 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: Water sampling is contracted to WWC for this site.

Ponds flowing at sage creek: Ponds 2, and 3, and Site 7 is also flowing (storm water by office). Site 7 appears to be being fed by a spring in a patch of willows behind the office outside the disturbance boundary. The stock pond uphill from the patch of willows was not discharging.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3



Site 7 outlet of culvert



Willow patch up from Site 7

The Lower Sump riser has been fixed.

Lower Sump still appears to have a spring or preferential flow from the creek under the established near the inlet on the pond side of the road. The area is saturated and may be coming from a spring, or a preferential path from the creek or culvert. Additional water appears to be entering just upstream of the culvert from surrounding area. This was noted in the last inspection in May, and is still present after 2 months of fairly dry weather. This area should be watched for additional changes.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3



Saturated area between road and lower sump

GENERAL MINE PLAN COMPLIANCE:

Permit identification signs were present. Culverts were cleaned at the site the week prior to the inspection. Operator noted that the previous squatter on site has not been on recently and cameras were in place.

The smaller of the two pipes below Pond 2 is still leaking and will need to be sealed this fall.

The inlet of Pond 3 has been cleared and repaired, and animal holes on the embankment still need to be filled in.

Erosional feature off the warehouse pad just above the office pad was previously repaired. The repair is holding fairly well however some material has moved down to block the below ditch that needs to be reestablished. (still needs to be completed)

DOCUMENTS RECEIVED

OTHER (SPECIFY)

Permitting and deadlines:

RN2 responses due to the Division, current permit term ends 8/20/20.

ENFORCEMENT ACTIONS/COMPLIANCE

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

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp 8/20/2020 RN 2 app received
Permit Application w/Revisions	OK
Findings Document	RN1 3/2018
Insurance Certificate	Exp 08/01/20
Bond Document	Corporate Surety
Phased Bond Release	SL4
Documents/Findings	
Air Emission Permits	Issued 09/4/2012 (Aug 2017 APEN update exp 2023
County Special Use Permits	2/9/16 (ten years)
UG Mining Landowner Notification	3/29/2011
Subsidence Monitoring Reports	3Q2012
Subsidence Monitoring Data	3Q2012
Rill & Gully Survey	2018 Done in June
Vegetation Monitoring Data	NA
Specific Variance Approvals	NA
Annual Reclamation Reports	2019
Midterm Review Documents	02/20/2013
DRMS/OSM Inspection	5/2020
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	SO1
Temporary Cessation Notification	Jan 2017
Reclamation Cost Estimate	RN1
CERTIFICATIONS	
Pond Certifications	PAP, Exhibit 2
Annual Certifications for Impoundments	3Q2019
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	PAP
Access Road Certifications	PAP

HYDROLOGIC RECORDS

NPDES Permit	COG0048275 Jan 2018 Temp mod. online
NPDES Records	Dec. 2013
Stormwater Management Plan	Sep 19, 2014
SPCC Plan	NA
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2Q2020
Annual Hydrology Reports	2019
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	AHR
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	NA
• Water Consumption Records	NA
Well Permits	PAP; Exhibit 2.04.7-E1

BLASTING RECORDS

Blasting Publication	No blasting
Blasting Records (3 years)	NA
ATFE Explosives Permit	Exp 1/1/2019
Blasting Variances	NA
Pre-Blast Surveys	NA

**ADDITIONAL RECORDS
(specify)**

APEN 10R01175F	

COMMENTS:

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