



Peabody Sage Creek Mining, LLC
29515 Routt County Road 27
Oak Creek, CO 80467

February 9, 2022

Colorado Department of Public Health and Environment
Water Quality Control Division
WQCD-PE-B2
Attn. Permits Section - Stormwater Unit
4300 Cherry Creek Drive South
Denver, CO 80246-1530

RE: Peabody Sage Creek Mine, CDPS Permit CO-0048275, 2021 SWAR

Dear CDPHE:

Attached please find the Stormwater Annual Report (SWAR) for the Peabody Sage Creek Mine (PSCM). Please contact me with any comments and/or questions.

Sincerely,

A handwritten signature in blue ink that reads "Miranda Kawcak". The signature is written in a cursive, flowing style.

Miranda Kawcak
Environmental Manager
Peabody, Colorado Operations

Enclosure: PSCM SWAR

STORMWATER ANNUAL REPORT – METAL MINING (& COAL)
COLORADO DEPT. OF PUBLIC HEALTH & ENVIRONMENT

Water Quality Control Division
WQCD-P-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Check if this is a new
name, address, etc.

Permittee (Company Name): Peabody Sage Creek Mining, LLC _____

Facility Name: Peabody Sage Creek Mine _____

Mailing Address: Peabody Sage Creek Mining, LLC

29515 Routt County Road 27

Oak Creek, CO 80467 _____

Facility Phone Number: 970-870-2718 _____

Permit Certification No. CO-0048275

Reporting Permit: January 1 – December 31, 2021 (Form is due by Feb. 15 of the following year)

Each section must be completed. Please print or type.

A. *A report on the facility's overall compliance with the SWMP.* (Include here a summary of any measures taken to comply with your Stormwater Management Plan (SWMP), to fully implement it, changes or improvements made in any of your Best Management Practices (BMPs), employee training, spills, other problems encountered, etc. How is your plan working?)

The Peabody Sage Creek Mine (PSCM) SWMP identifies all potential sources of pollution which may reasonably affect the quality of stormwater discharges. It does not address those disturbance areas that contribute runoff to NPDES (CPDS) permitted discharge points which operate under applicable effluent limitations. The potential pollutant sources are limited to three sediment control pond out slopes, approximately 6.4 acres of office, new leach field and boneyard/storage small area exemptions (SAE's), and two roads. The only potential pollutant material from these sites is sediment. To minimize, control and contain sediment, the following BMPs are utilized singly or in combination, at the various locations: containment berms, diversion ditches, culverts, porous rock check dams, straw dikes, silt fences, catchment sumps or stock tanks, and the reestablishment of vegetation.

PSCM personnel inspect these areas throughout the year for any significant erosion and/or sediment accumulation and correct any problems as they occur. In addition to these inspections, each mine site is inspected on a monthly basis by personnel from the Colorado Division of Reclamation, Mining and Safety (CDRMS). The plan is working since these sites are inspected so often, not just during the semi-annual comprehensive facility inspections, and any maintenance that may be required in an area receives immediate attention, minimizing the potential for problems to occur. Peabody Energy (PSCM's parent company) has been working with the CDRMS over the past years to utilize the most effective alternate sediment control measures to minimize the amount of sediment and erosion being generated from our disturbance areas. Also, many of the pollutant sources will not be disturbed again in the future, and several of these locations will become permanent post-mining facilities such as the sediment

control ponds and a large portion of the existing haul road system. The vegetation has established on the out slopes and side slopes of these disturbed areas and any resulting sediment runoff is minimal at best.

Were changes made to your SWMP? ☒ No ☐ Yes – Describe changes on a separate sheet.

B. *A summary of each comprehensive facility inspection made, including date, findings, and action taken.* (The permit requires at least **two** comprehensive facility inspections per year – see page 12 of the permit. Include here a **summary** of those inspections, plus any other comprehensive inspections made. It is not necessary to summarize day-to-day inspections, unless significant problems were noted.)

First Biannual 2021 Inspection(s) – 03/22/21, 03/23/21, 06/15/21, 06/17/21.

Site 002 exhibiting water loss under flume. Flume operable but requires maintenance at Site 003.

Second Biannual 2021 Inspection(s) – 09/23/21, 10/27/21, 10/28/21.

Site 002 exhibiting water loss under flume. Flume operable but requires maintenance at Site 003.

Other Inspections – Date _____. Findings, and action taken: _____

C. *Results and interpretation of any stormwater monitoring performed. Attach a separate sheet with the lab results.* (Monitoring is **not** a requirement under the permit, unless you were specifically directed to do so by the Division. However, the results of any stormwater monitoring that you performed on your own should be reported here.)

Monitoring Results Attached? ☒ No ☐ Yes

D. Certification

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”



Signature of Permittee (legally responsible person)



Date Signed

Miranda Kawcak
Name (printed)

Environmental Manager
Title