



STATE OF  
COLORADO

Ridley - DNR, Hunter <hunter.ridley@state.co.us>

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## ARR Review Letter Peabody Sage Creek Mine

1 message

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Ridley - DNR, Hunter <hunter.ridley@state.co.us>

Fri, Feb 24, 2023 at 3:49  
PM

To: mkawcak@peabodyenergy.com

Miranda,

Attached is the adequacy review letter for the Peabody Sage Creek Mine 2022 Annual Reclamation Report. Feel free to contact me if you have any questions.

Kind regards,  
Hunter Ridley  
Environmental Protection Specialist



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

P 720.868.7757 | F 303.832.8106

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

[hunter.ridley@state.co.us](mailto:hunter.ridley@state.co.us) | <https://drms.colorado.gov>



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**ARR\_Review\_2022\_2009087.pdf**

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# COLORADO

Division of Reclamation,  
Mining and Safety

Department of Natural Resources

February 24, 2023

Miranda Kawcak  
Peabody Sage Creek Mining, LLC.  
P.O. Box 250  
36600 Routt County Road 27  
Hayden, Colorado 81639

**RE: Peabody Sage Creek Mine – Permit No. C-2009-087  
2022 Annual Reclamation Report Review**

Dear Ms. Kawcak:

The Colorado Division of Reclamation, Mining, and Safety (Division) has received and reviewed the 2022 Annual Reclamation Reports (ARR) for the Sage Creek Mine for compliance with Rule 2.04.13. Below is a discussion of the Division's review. **Bolded items are issues that the Division requests PSCM to respond to by March 27, 2023. Please note that adequacy items are the same as those which PSCM failed to respond to after last year's ARR submittal.**

**1) ARR Reported Acres:**

- i) Surface Mine Acres Disturbed (reported as 1844 acres) should equal the acres backfilled and graded (reported as 1628.8 acres) plus long-term facilities (reported as 68.8 acres). Currently backfilled and graded acres plus long-term facilities acres equal 1697.6 acres, with 146.4 acres not accounted for on the form.**
- ii) Please verify that the number of acres being reported as backfilled and graded (reported as 1628.8 acres) is correct.**
- iii) Please verify that the acreage being reported in Long-term Facilities are correct (reported as a total of 68.8 acres). Please note that these acres should include all roads, ponds, ditches, topsoil piles, etc. (Listed under footnote No.3 on the ARR reporting form).**
- iv) Phase I Released acres (reported as 1728.28 acres) generally would not exceed acres backfilled and graded (reported as 1628.8 acres). If the phase I released acres exceed those reported as backfilled and graded then the difference should be accounted for within the acres reported in long-term facilities (reported as 68.8 acres).**

**2) The annual reclamation report was received by the Division on February 15, 2023 via electronic submission.**

- i) The name and address of the permittee and permit number are indicated on the Annual Reclamation Report form.**
- ii) PSCM reported that zero acres were disturbed during 2022**
- iii) PSCM reported that zero acres were backfilled and graded during 2022.**
- iv) PSCM reported that zero acres were topsoiled during 2022.**



v) PSCM reported that zero acres were seeded or planted during 2022.

3) The following additional information was provided in accordance with the approved PAP:

- i) Topsoil monitoring; no topsoil was removed or replaced in 2022 so no data was submitted for topsoil recovery or fertility/spoil quality. The topsoil balance was reported.
- ii) According to the report no seeding was conducted within the 356.4-acre approved disturbance boundary in 2022. No seed tags were provided.
- iii) Weed control was conducted at the site in 2022. Weed spraying logs were provided.
- iv) Revegetation Monitoring; when PSCM submits a bond release application, the Division will review this information in detail for compliance.
- vi) Sedimentation pond surveys and stock tanks were discussed. PSCM has committed to conducting sediment and pond storage capacity surveys every 10 years. The last survey was conducted in 2016. Table 13.4 in the report shows pond capacity data since 2006.
- vii) Wildlife Monitoring required by Section 2.05.6(2) of the permit: Under Temporary Cessation, suspension of wildlife monitoring was approved in January of 2017.

It is noted that the Division interprets the submittal date of February 15, or other such date as agreed on identified per Rule 2.04.13(1) as the complete and accurate submittal of the Annual Reclamation Report covering the previous calendar year for all areas under bond. As such, please provide all responses to the Division's review of the Annual Reclamation Report within thirty (30) days of the date of this review. If you have any questions, please contact me at (303)866-3567 x8176 or (720)868-7757.

Kind regards,



Hunter C. Ridley  
Environmental Protection Specialist

