



Akens Engineering Associates, Inc.

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April 28, 2023

Mr. Randy Shustack, District Mining Manager
Pennsylvania Department of Environmental Protection
District Mining Operations
5 West Laurel Boulevard
Pottsville, PA 17901-2522

Re: Pierson Rheems LLC
Rheems Quarry
SMP #36080301
Major Modification
West Donegal and Mt. Joy Township's,
Lancaster County, PA

Dear Mr. Shustack:

As per our meeting with the PADEP Pottsville DMO on September 8, 2021, we are submitting the enclosed application as a Major Modification as outlined in the Technical Guidance Document 563-2112-203 *Boundary Changes to Mining Permits*, Part B "Addition or redistribution of acreage with a boundary revision." The existing Large Noncoal Surface Mine permit is 102.64 acres. The proposed permit will be 132.22 Acres with 115.04 acres bonded. The proposed expansion is located southwest and contiguous with the current operation.

Included in this submittal is updated mapping and background sampling that covers the proposed expanded area and the existing Surface Mining Permit.

In accordance with the Technical Guidance Document, a permittee who wishes to add area to the permit must demonstrate the following in the application:

1. Need for the additional area. (Note that a plan must include prompt use of the land, not just future use.)
The proposed expanded area is contiguous with the existing operation and will be used immediately.
2. Specific use of the area (coal/mineral removal, enhanced operations or reclamation, stockpiles, processing, offices, remediation, etc.).
The expanded area will be mined as shown on the attached Module 9: Operations Map, and as discussed in the operational narrative. Mineral removal, operations, reclamation, stockpiles, processing, and offices will be identical to that of the existing operation.
3. Because of its size or location, the area to be added should not be economical to mine under a separate permit.
The size and location of the subject parcel provides ample justification to include this adjacent tract to the existing Surface Mining Permit. Accessibility to the tract will be through the existing surface mine permit. The proposed expansion will be a continuum of the existing operations and the approved reclamation for Rheems Quarry.

4. The correction cannot result in adverse environmental impacts of a larger scale or different nature than those anticipated and addressed in the original permit.
The correction will not result in any adverse environmental impacts of a large scale or different nature than those anticipated and addressed in the original permit. The proposed project will ensure compliance with all applicable current standards.
5. The added area would not contribute drainage to a new receiving stream.
The added area is located within the same drainage area. No changes are proposed to the existing NPDES Permit.
6. The added area meets the requirements of the regulations with regard to distance limitations. (25 PA Code §77.504, §86.37 (a)(5), and §86.102)
The added area meets all the distance limitations of Chapter §77.504.
7. For a coal permit where the permittee is adding “abandoned mine lands” for “re-mining”(as those terms are defined in §86.252) the area added would not:
 - a. Add coal seams to be mined unless adequate geologic data is provided.
 - b. Change the determination of probable hydrologic consequences (as required by §§87.69 and 88.49) for the original permit as to any adverse hydrologic impacts.
 - c. Include discharges with limited liability for treatment under a Subchapter F or G authorization.
This is not a coal permit.

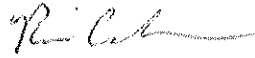
Please find attached three copies each of the following information supporting the Pre-Application:

1. Check Number 20627 in the amount of \$5,400.00 to the Commonwealth of Pennsylvania for the Major Modification with Groundwater Pumping application fees \$4850 and \$550 for bonding application fees.
2. ACT 67/68 GIF & Correspondence to the Municipality and County including County Consistency Letter.
3. Copies of the Recorded Consent of Landowner for the expansions area.
4. The SHPO clearance correspondence from the PHMC.
5. PNDI
6. MODULE 1 – LARGE NONCOAL INDUSTRIAL MINERALS MINE PERMIT APPLICATION
7. MODULE 2 – NPDES INFORMATION
8. MODULE 3 – OWNERSHIP COMPLIANCE INFORMATION
9. MODULE 5 – PROPERTY INTEREST RIGHT OF ENTRY
10. MODULE 6 – ENVIRONMENTAL RESOURCE MAP
11. MODULE 7 – GEOLOGY INFORMATION
12. MODULE 8 – HYDROLOGY – Including Report, Model, GW Contour Map, & Karst Supplement
13. MODULE 9 – OPERATIONS MAP
14. MODULE 10 - OPERATIONAL INFORMATION
15. MODULE 17 – AIR POLLUTION AND NOISE CONTROL PLAN
16. MODULE 18 – LAND USE AND RECLAMATION MAP
17. MODULE 19 – LAND USE-VEGETATION
18. MODULE 20 – POSTMINING LAND USE AND RECLAMATION
19. MODULE 21 - TOPSOIL-SUBSOIL
20. MODULE 23 – REVEGETATION
21. BONDING APPLICATION AND CALCULATIONS

There are no proposed changes to the NPDES permit. The department is currently reviewing the NPDES renewal for Rheems Quarry. There are no proposed changes to the blast plan.

If you have any questions or need additional information, please do not hesitate to contact our office.

Sincerely,
Akens Engineering Associates, Inc.



Rick Caranfa
Vice President

Enclosures