



January 22, 2018

Hanson Aggregates Pennsylvania, Inc.
Mr. Mark Kendrick, P.E., Vice-President
7650 Imperial Way
Allentown, PA 18195

Re: Technical Deficiencies
Rock Hill Quarry Operation
Noncoal Surface Mining Permit No. 7974SM1
East Rockhill Township
Bucks County

Dear Mr. Kendrick:

The Department has reviewed your permit file and requires the following updates to the permit and permit modules. The applicable regulation is also cited at the end of each comment.

The following Modules must be addressed within 30 days of the date of this letter: §77.131

1. Module 9: Operations Map
 - a. Please provide an updated Operations Map. §77.454
2. Module 10: Operations Information
 - a. Please provide an updated Operations Narrative.
3. Module 12: Erosion and Sedimentation Controls
 - a. Please provide an updated Erosion and Sedimentation Control Plan. §§77.458, 77.461, 77.466, 77.525, 77.527, 77.531; Chapter 102
4. Module 16: Large Noncoal Blast Plan
 - a. Please update the large Noncoal Blast Plan. §§77.561, 77.562, 77.563, 77.564, Chapter 211
5. Module 17: Air Pollution and Noise Control Plan
 - a. Please update the Air Pollution and Noise Control Plan. §§77.455, 77.575, Chapters 121, 123, 127, 129, NSMCRA 3323(a)(3)

In addition, please submit a Bonding Increment Application with updated bonding calculations. §77.202

The following Modules must be addressed within six (6) months of the date of this letter: §77.131

1. Module 3: Ownership/Compliance

Please update Module 3, if necessary. §77.162

2. Module 4: Areas Where Mining is Prohibited or Limited
 - a. Please include updates to variances and waivers, as per compliance with §77.504.
3. Module 5: Property Interests/Rights of Entry
 - a. If necessary, please update documentation establishing the right of the operator to mine the mineral. §77.163(a)
 - b. If necessary, please update the Consent of Landowner. §77.163(b)(2)
 - c. Please update the balance of Module 5. §§77.410(a)(1) and (3)
4. Module 6: Environmental Resources Map
 - a. Please provide a new Environmental Resources Map, as per §77.410.
5. Module 7: Geology
 - a. Please update Module 7 as per §§77.403, 77.404.
 - b. Please provide updated geological cross-sections.
6. Module 8: Hydrology
 - a. Please provide an updated Module 8. §§77.403, 77.405, 77.406, 77.457, 77.521
 - b. Please provide a plan for Background Sampling and Monitoring.
7. Module 13: Impoundments/Treatment
 - a. Please update any changes to Impoundments or Treatment Facilities Not Covered Under Module 12. §§77.457, 77.461, 77.526, 77.531, Chapter 105
8. Module 14: Streams Wetlands
 - a. Please update, if necessary. §§77.504, 77.523, Chapter 105
9. Module 18: Land Use and Reclamation Map
 - a. Please update the land use and reclamation map. §§77.409, 77.456, 77.462
10. Module 19: Land Use/Vegetation
 - a. Please update Land Use and Vegetation. §§77.408, 44.409
11. Module 20: Post-mining Land Use and Reclamation
 - a. Please update the proposed post-mining land use. §§77.462, 77.591, 77.593
12. Module 21: Topsoil-Subsoil
 - a. Please update the Topsoil and Subsoil operations plan. §77.456(4)
13. Module 23: Revegetation
 - a. Please Update the Revegetation Plan. §77.456(5)

Please address these comments and submit the updated or corrected modules within the time frames requested.

Should you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard E. Tallman". The signature is fluid and cursive, written over a white background.

Richard E. Tallman, E.I.T.
Civil Engineer (General)
District Mining Operations

cc: Michael J. Menghini
Michael P. Kutney, P.G.
Gary A. Latsha, EGM
Amiee Bollinger, SMCI
Consultant, EarthRes Group, Inc.
Ticklers: 2/21/2018 and 7/22/2018
File
MS1- Hanson PA tech def (1/2018)

RET:pe