



Sent via Fed-Ex

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May 9, 2019

Gary A. Latsha
Pennsylvania Department of Environmental Protection
Pottsville District Mining Office
5 West Laurel Boulevard
Pottsville, PA 17901

**Re: Revised Rock Hill Quarry NOV Abatement Plan – 03/22/2019 Site Inspection
Hanson Aggregates Pennsylvania LLC
SMP No. 7974SM1
East Rockhill Twp., Bucks Co., PA**

Mr. Latsha:

Hanson Aggregates Pennsylvania LLC (Hanson) is submitting three (3) copies of this Revised Abatement Plan in response to the Department's Notice of Violation (NOV) contained in the March 22, 2019 Noncoal Inspection Report. Hanson received the NOV on April 17, 2019 via the US Postal Service. Revisions to the April 30, 2019 Abatement Plan were made with regard to verbal comments received during a site meeting between Michael Fling, P.E. (EarthRes) and Richard Tallman of the Department on May 1, 2019.

The March 22, 2019 Noncoal Inspection Report included the following description of the violation:

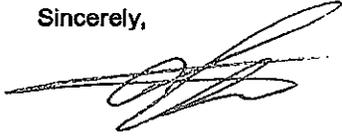
During a site visit on March 22, 2019, discolored (tan) water was observed seeping through the berm of the sediment trap located in the SE corner of the permit (Sediment trap #1). This is a violation of 25 Pa. Code Chapter 102 and permit conditions which incorporate the former 25 Pa. Code Chapter 77.102(c)(1), therefore a Notice of Violation is issued. The operator shall construct and maintain Sediment trap #1 in accordance with the approved plans and the regulations. The operator should submit to the Department, for approval, any changes made to the design, construction and/or maintenance of Sediment trap #1. The operator should complete this work on or before May 3, 2019. A follow up inspection will be conducted to verify corrective action measures have been implemented and the operator is in compliance with the approved plan.

Abatement Plan

Please see attached Revised E&S Improvement Plan prepared by EarthRes Group, Inc. detailing proposed modifications to Sediment Trap 1. Upon the Department's approval, R.E. Pierson will complete the proposed improvements.

Please feel free to contact me at (610) 366-4819 should you require additional information.

Sincerely,



Andrew J. Gutshall, P.G.
Area Environmental Manager

encl: March 22, 2019 PADEP Inspection Report Noncoal
Revised E&S Improvements Plan – Sediment Trap 1 Area (EarthRes Group, Inc.)
including Drawing D-001

cc: Joseph S. Blyler, Jr., P.E., PADEP (e-mail only)
Amiee Bollinger, PADEP (e-mail only)
Richard E. Tallman, E.I.T., PADEP (e-mail only)
Mark E. Kendrick, Hanson – Allentown (e-mail only)
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Marianne Morano, East Rockhill Twp (e-mail only)
Michael D. Fling, P.E., EarthRes (e-mail only)
Environmental File

**Hanson Aggregates Pennsylvania, LLC
Rock Hill Quarry
E&S Improvements Plan
Sediment Trap 1 Area**

Pursuant to the PA DEP site Inspection Report dated March 22, 2019 and follow up review of the area on April 10, 2019 between PA DEP, Hanson Aggregates Pennsylvania LLC (Hanson), R.E. Pierson Materials Corp. (Pierson), and Earthres Group, Inc. personnel as well as the PA DEP verbal comments received on May 1, 2019, the following plan is provided to outline the corrective action measures to be taken at the Rock Hill Quarry to address erosion and sediment control plan improvements in the area of Sediment Trap 1.

In addition, a drawing detailing the current condition and proposed improvements has been provided to support implementation of the plan.

Sediment Trap 1

Description: The trap spillway will be raised approximately one (1) foot to 545' MSL and the berm will be raised approximately one (1) foot to 546' MSL to provide additional settling storage volume within the trap. The trap is already oversized; however, this additional measure will provide increased capacity for collection and treatment of surface water runoff. Hanson and Pierson plan to utilize onsite overburden and processed stone (if cleared by PA DEP; if not cleared, material will be provided by outside sources) to complete the effort to raise the spillway and berm.

The trap spillway will be outfitted with a six (6) inch layer of AASHTO #57 stone, a six (6) inch layer of compost, and filter fabric across the inside face of the spillway to provide increased filtration of collected waters.

The inside banks of the trap will be stabilized with vegetation via hydroseeding to promote stability of the banks and decrease erosion and sediment transport.

A five (5) foot infiltration trench will be installed immediately downslope of the spillway as needed. In addition, a 24 inch compost filter sock will be installed downslope of the trap spillway and infiltration trench to improve the filtration capacity for any waters discharged through the spillway. This filter sock will replace the existing 12 inch filter sock currently in place.

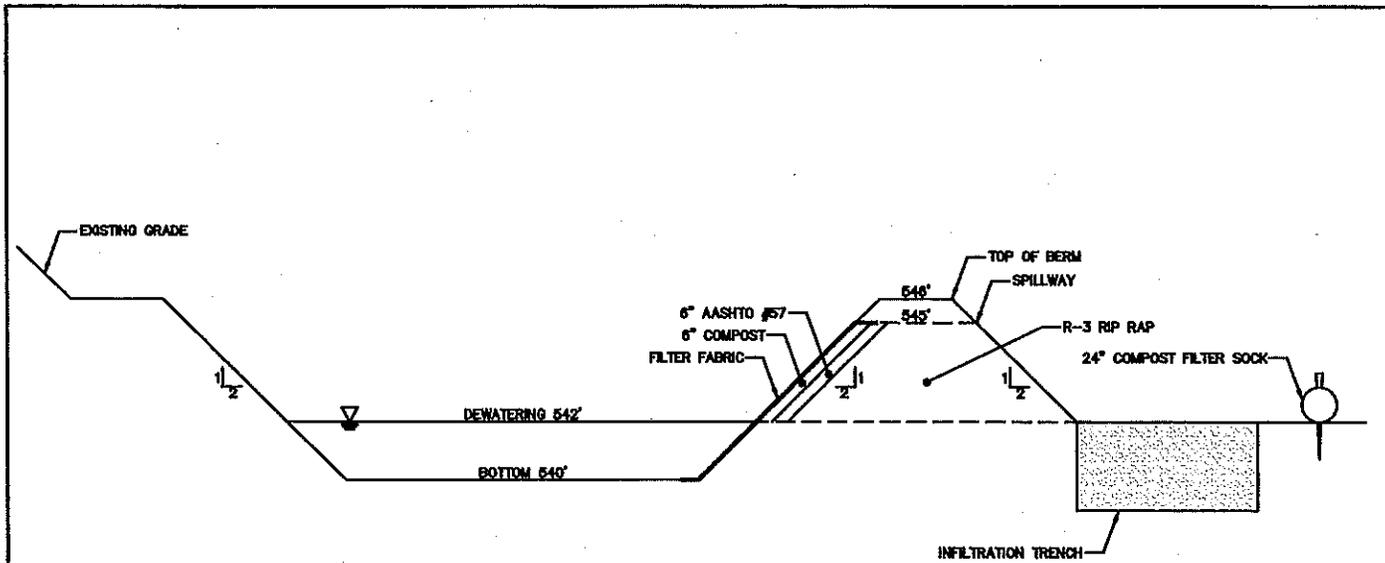
The inflow areas from the diversion berms (Diversion Berms 2 and 3) will be lined with R-3 rip rap to improve stability of the banks and decrease erosion and sediment transport into the trap.

Timeline: Hanson and Pierson anticipate completion of the updates to Sediment Trap 1 within one (1) week following approval of the plan by PA DEP

Diversion Berm Slopes

Description: The outer slopes of the existing diversion berms will be stabilized with vegetation via hydroseeding to promote stability and decrease erosion and sediment transport to downslope areas.

Timeline: Hanson and Pierson anticipate completion of the updates to diversion berm slopes within one (1) week following approval of the plan by PA DEP.



SEDIMENT TRAP DETAIL TYPICAL SECTION

NOT TO SCALE



EARTHRES

ENGINEERING FOR SUCCESS™

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DRAWN BY:
GER

CHECKED BY:
MDF

DATE:
08/08/2019

PROJECT NO:
061003.052

DRAWING SCALE:

NOT TO SCALE



SEDIMENT TRAP TYPICAL SECTION

HANSON AGGREGATES PENNSYLVANIA, LLC
ROCK HILL QUARRY
EAST ROCKHILL TOWNSHIP, BUCKS COUNTY
PENNSYLVANIA

