
Subject:

FW: [External] Rock Hill Quarry Sampling Plan

From: Kutney, Michael**Sent:** Friday, April 12, 2019 3:51 PM**To:** Louis Vittorio <lvittorio@earthres.com>; Menghini, Michael <mmenghini@pa.gov>; Latsha, Gary <galatsha@pa.gov>; Bollinger, Amiee <ambollinge@pa.gov>; Rebarchak, James <jrebarchak@pa.gov>; Tallman, Richard <rtallman@pa.gov>; Cain, Virginia <vicain@pa.gov>; Fogel, Robert <rofogel@pa.gov>; Sammarco, Daniel <dsammarco@pa.gov>; Stefanko, John <jstefanko@pa.gov>; Shankar, Sachin <sshankar@pa.gov>; Lambeth, Craig <clambeth@pa.gov>; Furlong, Erika <erfurlong@pa.gov>**Cc:** Andrew Gutshall <Andrew.Gutshall@LehighHanson.com>; Curt Mitchell <cmitchell@repierson.com>; Kendrick, Mark E (Allentown) USA <Mark.Kendrick@lehighhanson.com>; Mike Logan <mlogan@CPS-2Comply.com> <mlogan@CPS-2Comply.com>; Kelly Bailey <kfbcih@gmail.com>; drew@rjlg.com; Marianne Morano <MMorano@EastRockHillTownship.org>; David Raphael <dave.raaphael@klgates.com>; RGundlach@foxrothschild.com; Matthew Burns <matthew.burns@lehighhanson.com>**Subject:** RE: [External] Rock Hill Quarry Sampling Plan

Lou-

The Department has reviewed the Qualitative Survey Sampling Plan, dated April 3, 2019, and has the following comments:

Regarding the existing stockpiles:

1. The chosen sampling approach uses AASHTO R90. According to the AASHTO R90 method, sampling of stockpiles should be avoided due to problems involved in obtaining a representative gradation of material. Please explain why this is the best choice available for sampling the stockpiles.

Regarding the rock core drilling:

1. A drilling program typically has a goal or target. What are the targets or goals in this case? How will success be determined?
2. Please provide additional explanation for the planned azimuth and dip angle of the drilling. Please explain why the proposed azimuth and dip angle are thought to be the most likely to intercept asbestos-bearing features?
3. Please explain the basis for the number of core holes and their spacing.
4. It would seem prudent to perform a field investigation of the mineral vein orientations and spacing before launching a drilling program to investigate them. The number and orientation of the drill holes could change based on the findings. If it is determined that the drilling was directed in a sub-optimal orientation, the Department may require additional drilling.
5. Please include any lithologic contacts as part of the field logging and identifying procedures.

Regarding the water bodies:

1. Please sample all of the sediment traps on the permit in addition to the other water bodies already proposed.

Regarding the boulder field sampling:

No comments

The Department would like to be on site for all sampling events. Please provide the schedule for sampling as soon as possible.

If you have any questions, please contact me at 570.621.3470.

Sincerely,

Michael Kutney, P.G. | Chief, Permits & Technical Section
Department of Environmental Protection
Pottsville District Mining Office
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From: Louis Vittorio <lvittorio@earthres.com>

Sent: Wednesday, April 3, 2019 6:24 PM

To: Menghini, Michael <mmenghini@pa.gov>; Kutney, Michael <mkutney@pa.gov>; Latsha, Gary <galatsha@pa.gov>; Bollinger, Amiee <ambollinge@pa.gov>; Rebarchak, James <jrebarchak@pa.gov>

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Mike:

On behalf of Hanson Aggregates Pennsylvania, LLC (Hanson), Earthres Group, Inc. is providing the following Qualitative Geologic Survey Sampling Plan for continued assessment of Naturally Occurring Asbestos (NOA) at the Rock Hill Quarry Operation.

Upon approval, Hanson is prepared to commence sampling at the site. In the meantime, should you have any questions, please contact me or Andrew Gutshall of Hanson at your convenience.

Regards,

-Lou

Louis F. Vittorio, Jr., P.G. | Vice President
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