



Sent via e-mail only

Hanson Aggregates Pennsylvania LLC
7660 Imperial Way
Allentown, PA 18195-1040
Tel 610-366-4600
Fax 610-871-5994

October 7, 2021

Richard Tallman, P.E.
Pottsville District Mining Office
Pennsylvania Department of Environmental Protection
5 West Laurel Boulevard
Pottsville, PA 17901

**Re: Preliminary Ambient Air Analysis Results – September 10, 2021 Event
Elevated Review Technical Deficiencies Application No. 7974SM1C10
Hanson Aggregates Pennsylvania LLC
Rock Hill Quarry
East Rockhill Township, Bucks County, PA**

Dear Mr. Tallman:

Enclosed are the results from Hanson's 5th round of perimeter air monitor sampling at the Rock Hill Quarry. Samples were collected at the quarry on September 10, 2021. The 5th sampling event fulfills the commitment Hanson provided in our July 6, 2021 letter.

Hanson remains committed to working with the Department to allow the removal of the Cessation Order so that quarrying activities can resume at the Rock Hill Quarry.

Regards,

A handwritten signature in blue ink, appearing to read "Andrew J. Gutshall".

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

encl: as stated

cc: John Stefanko, PADEP (e-mail only)
Daniel Sammarco, P.E., PADEP (e-mail only)
Gary Latsha, PADEP (e-mail only)
Michael P. Kutney, P.G., PADEP (e-mail only)
Randy Shustack, PADEP (e-mail only)
Amiee Bollinger, PADEP (e-mail only)

Thomas Boretski, PADEP (e-mail only)
James Rebarchak, PADEP (e-mail only)
Sachin Shankar, P.E., PADEP (e-mail only)
Jillian Gallagher, PADEP (e-mail only)
Ashley Davis, PADEP (e-mail only)
Robert Fogel, PADEP (e-mail only)
Neil Shader, PADEP (e-mail only)
Virginia Nurk, PADEP (e-mail only)
Craig Lambeth, Esq., PADEP (e-mail only)
Marianne Morano, East Rockhill Township (e-mail only)
County of Bucks (e-mail only)
Rockhill Environmental Preservation Alliance (e-mail only)
Julie Goodman, PhD, Gradient Corp. (e-mail only)
Kelly Bailey, CIH, KBC LLC (e-mail only)
Bryan Bandli, PhD, RJ Lee Group (e-mail only)
Matthew Weikel, P.G., EARTHRES (e-mail only)
Joe Kim, P.E., EARTHRES (e-mail only)
Kristian Witt, CMI (e-mail only)
Mark E. Kendrick, Hanson (e-mail only)
Michael C. Lewis, CHMM, Hanson (e-mail only)
Timothy J. Poppenberg, Hanson (e-mail only)
Robert, J. Schena, Esq., Fox Rothschild LLP (e-mail only)
Environmental File

Final Laboratory Report

TEM ISO Analysis

Ms. Clair Wischusen
Fox Rothschild LLP
2700 Kelly Road
Suite 300
Warrington, PA 18976
US

Report Date: 09/29/2021
Sample Receipt Date: 09/14/2021
RJ Lee Group Job No.: LLH901997-36
Authorization/P.O. No.:
Samples Received: 10
Client Job No.:

Method: ISO 10312

TABLE 1 – Structures Length $\geq 0.5\mu\text{m}$, Length:Width Aspect Ratio $\geq 3:1$

Client Sample Number	RJLG Sample Number	Sample Description	Filter Area (mm ²)	Volume (liter)	Area Analyzed (mm ²)	Total Structures		95% Confidence Interval		Analytical Sensitivity (S/cc)	Total Structures Concentration (S/cc)		Asbestiform Amphibole	
						Chry	Amph	Chry	Amph		Chry	Amph	No.	S/cc
0910-1	3175449.HT	M7	385	1005	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-2	3175450.HT	M8	385	998	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-3	3175451.HT	M1	385	1003	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-4	3175452.HT	M5	385	1012	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011

NOTES

- Volumes provided by the client listed above were used to calculate analytical results and sensitivities.
- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Abbreviations: N/A-Not Applicable, O/L-Overloaded, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, NAS-Non-Asbestos Structures, f-Asbestos Fibers, F-Total Fibers.
- Samples will be held for 90 days and then disposed of per Federal regulations.
- Sample(s) for this project were analyzed at our Monroeville, PA (NVLAP Lab Code 101208-0, NY ELAP #10884) facility.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.
- "Asbestiform Amphibole" section represents number and concentration of asbestiform amphibole structures included in "Total Structures" count and concentration.

DISCLAIMER

RJ Lee Group, Inc. is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC #100364) and the New York Department of Health Environmental Laboratory Program (NY ELAP) for airborne asbestos analysis. This report may not be used to claim product endorsement by AIHA LAP, LLC, NY ELAP, or any other regulatory or laboratory accrediting agency. Any reproduction of this document must be in full in order for the report to be valid. This report is not valid unless it bears the name of a AIHA LAP, LLC approved signatory.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.

RJ Lee Group, Inc.

Final Laboratory Report (cont'd)

RJ Lee Group Job No: LLH901997-36

Client: Fox Rothschild LLP

Client Job No/Name:

Report Date: 09/29/2021

TABLE 1 – Structures Length $\geq 0.5\mu\text{m}$, Length:Width Aspect Ratio $\geq 3:1$

Client Sample Number	RJLG Sample Number	Sample Description	Filter Area (mm ²)	Volume (liter)	Area Analyzed (mm ²)	Total Structures		95% Confidence Interval		Analytical Sensitivity (S/cc)	Total Structures Concentration (S/cc)		Asbestiform Amphibole	
						Chry	Amph	Chry	Amph		Chry	Amph	No.	S/cc
0910-5	3175453.HT	M6	385	992	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-6	3175454.HT	M2	385	1034	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-7	3175455.HT	M4	385	1025	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-8	3175456.HT	M3	385	1037	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-9	3175457.HT	field blank	385	0	0.34983	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A
0910-10	3175458.HT	field blank	385	0	0.34983	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A

NOTES

- Volumes provided by the client listed above were used to calculate analytical results and sensitivities.
- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Abbreviations: N/A-Not Applicable, O/L-Overloaded, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, NAS-Non-Asbestos Structures, f-Asbestos Fibers, F-Total Fibers.
- Samples will be held for 90 days and then disposed of per Federal regulations.
- Sample(s) for this project were analyzed at our Monroeville, PA (NVLAP Lab Code 101208-0, NY ELAP #10884) facility.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.
- "Asbestiform Amphibole" section represents number and concentration of asbestiform amphibole structures included in "Total Structures" count and concentration.

DISCLAIMER

RJ Lee Group, Inc. is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC #100364) and the New York Department of Health Environmental Laboratory Program (NY ELAP) for airborne asbestos analysis. This report may not be used to claim product endorsement by AIHA LAP, LLC, NY ELAP, or any other regulatory or laboratory accrediting agency. Any reproduction of this document must be in full in order for the report to be valid. This report is not valid unless it bears the name of a AIHA LAP, LLC approved signatory.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.

RJ Lee Group, Inc.

Final Laboratory Report (cont'd)

RJ Lee Group Job No: LLH901997-36
 Client Job No/Name:

Client: Fox Rothschild LLP
 Report Date: 09/29/2021

TABLE 2 – Structures Length $\geq 5.0\mu\text{m}$, Length:Width Aspect Ratio $\geq 3:1$

Client Sample Number	RJLG Sample Number	Sample Description	Filter Area (mm ²)	Volume (liter)	Area Analyzed (mm ²)	Total Structures		95% Confidence Interval		Analytical Sensitivity (S/cc)	Total Structures Concentration (S/cc)		Asbestiform Amphibole	
						Chry	Amph	Chry	Amph		Chry	Amph	No.	S/cc
0910-1	3175449.HT	M7	385	1005	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-2	3175450.HT	M8	385	998	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-3	3175451.HT	M1	385	1003	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-4	3175452.HT	M5	385	1012	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-5	3175453.HT	M6	385	992	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-6	3175454.HT	M2	385	1034	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-7	3175455.HT	M4	385	1025	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0910-8	3175456.HT	M3	385	1037	0.34983	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011

NOTES

- Volumes provided by the client listed above were used to calculate analytical results and sensitivities.
- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Abbreviations: N/A-Not Applicable, O/L-Overloaded, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, NAS-Non-Asbestos Structures, f-Asbestos Fibers, F-Total Fibers.
- Samples will be held for 90 days and then disposed of per Federal regulations.
- Sample(s) for this project were analyzed at our Monroeville, PA (NVLAP Lab Code 101208-0, NY ELAP #10884) facility.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.
- "Asbestiform Amphibole" section represents number and concentration of asbestiform amphibole structures included in "Total Structures" count and concentration.

DISCLAIMER

RJ Lee Group, Inc. is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC #100364) and the New York Department of Health Environmental Laboratory Program (NY ELAP) for airborne asbestos analysis. This report may not be used to claim product endorsement by AIHA LAP, LLC, NY ELAP, or any other regulatory or laboratory accrediting agency. Any reproduction of this document must be in full in order for the report to be valid. This report is not valid unless it bears the name of a AIHA LAP, LLC approved signatory.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.

RJ Lee Group, Inc.


RJ Lee Group Job No: LLH901997-36
 Client Job No/Name:

Final Laboratory Report (cont'd)

Client: Fox Rothschild LLP
 Report Date: 09/29/2021

TABLE 2 – Structures Length $\geq 5.0\mu\text{m}$, Length:Width Aspect Ratio $\geq 3:1$

Client Sample Number	RJLG Sample Number	Sample Description	Filter Area (mm ²)	Volume (liter)	Area Analyzed (mm ²)	Total Structures		95% Confidence Interval		Analytical Sensitivity (S/cc)	Total Structures Concentration (S/cc)		Asbestiform Amphibole	
						Chry	Amph	Chry	Amph		Chry	Amph	No.	S/cc
0910-9	3175457.HT	field blank	385	0	0.34983	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A
0910-10	3175458.HT	field blank	385	0	0.34983	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A

Authorized Signature: 
 Ashleigh Sload, Scientist

NOTES

- Volumes provided by the client listed above were used to calculate analytical results and sensitivities.
- "<" indicates results less than analytical sensitivity. "---" indicates that sample was not analyzed.
- If RJ Lee Group, Inc. did not collect the samples analyzed, the verifiability of the laboratory's results are limited to the reported values.
- Abbreviations: N/A-Not Applicable, O/L-Overloaded, Chry-Chrysotile Asbestos, Amph-Amphibole Asbestos, NAS-Non-Asbestos Structures, f-Asbestos Fibers, F-Total Fibers.
- Samples will be held for 90 days and then disposed of per Federal regulations.
- Sample(s) for this project were analyzed at our Monroeville, PA (NVLAP Lab Code 101208-0, NY ELAP #10884) facility.
- These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which these results are used or interpreted.
- "Asbestiform Amphibole" section represents number and concentration of asbestiform amphibole structures included in "Total Structures" count and concentration.

DISCLAIMER

RJ Lee Group, Inc. is accredited by the American Industrial Hygiene Association (AIHA LAP, LLC #100364) and the New York Department of Health Environmental Laboratory Program (NY ELAP) for airborne asbestos analysis. This report may not be used to claim product endorsement by AIHA LAP, LLC, NY ELAP, or any other regulatory or laboratory accrediting agency. Any reproduction of this document must be in full in order for the report to be valid. This report is not valid unless it bears the name of a AIHA LAP, LLC approved signatory.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limiting provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any sample.