



Sent via e-mail only

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

September 20, 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 – August 27, 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 4<sup>th</sup> round of perimeter air monitor sampling at the Rock Hill Quarry. Samples were collected at the quarry on August 27, 2021. As you are aware, Hanson's consultants collected a 5<sup>th</sup> round of samples on September 10, 2021. We will transmit the results of that sampling event once available.

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 Cain, 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: 09/14/2021  
Sample Receipt Date: 09/01/2021  
RJ Lee Group Job No.: LLH901997-35  
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 <sup>2</sup> )	Volume (liter)	Area Analyzed (mm <sup>2</sup> )	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
0827-1	3175282.HT	M7	385	1010	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-2	3175283.HT	M8	385	1003	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-3	3175284.HT	M1	385	1006	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-4	3175285.HT	M5	385	997	0.35091	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: LLH901997-35

Client: Fox Rothschild LLP

Client Job No/Name:

Report Date: 09/14/2021

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 <sup>2</sup> )	Volume (liter)	Area Analyzed (mm <sup>2</sup> )	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
0827-5	3175286.HT	M6	385	1088	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-6	3175287.HT	M2	385	1120	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-7	3175288.HT	M4	385	1074	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-8	3175289.HT	M3	385	941	0.35091	0	0	0 - 3	0 - 5	0.0012	< 0.0012	< 0.0012	0	< 0.0012
0827-9	3175290.HT	Field blank	385	0	0.35091	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A
0827-10	3175291.HT	Field blank	385	0	0.35091	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: LLH901997-35  
 Client Job No/Name:

Client: Fox Rothschild LLP  
 Report Date: 09/14/2021

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 <sup>2</sup> )	Volume (liter)	Area Analyzed (mm <sup>2</sup> )	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
0827-1	3175282.HT	M7	385	1010	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-2	3175283.HT	M8	385	1003	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-3	3175284.HT	M1	385	1006	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-4	3175285.HT	M5	385	997	0.35091	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
0827-5	3175286.HT	M6	385	1088	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-6	3175287.HT	M2	385	1120	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-7	3175288.HT	M4	385	1074	0.35091	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
0827-8	3175289.HT	M3	385	941	0.35091	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012

**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: LLH901997-35  
 Client Job No/Name:

# Final Laboratory Report (cont'd)

Client: Fox Rothschild LLP  
 Report Date: 09/14/2021

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 <sup>2</sup> )	Volume (liter)	Area Analyzed (mm <sup>2</sup> )	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
0827-9	3175290.HT	Field blank	385	0	0.35091	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A
0827-10	3175291.HT	Field blank	385	0	0.35091	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.