



Sent via E-mail only

Heidelberg Materials Northeast LLC

7660 Imperial Way
Allentown, PA 18195
Phone (610) 366-4600

May 17, 2023

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

**Re: Limited Activity Based Sampling Event 3 Report
Rock Hill Quarry
SMP No. 7974SM1
East Rockhill Township
Bucks County, Pennsylvania**

Dear Mr. Tallman:

Enclosed are the results of Heidelberg Materials Northeast LLC's ("Heidelberg") limited activity based sampling event 3 (Stockpile Movement) at the Rock Hill quarry ("Quarry") on April 12, 2023, performed in accordance with the Pennsylvania Department of Environmental Protection's ("PADEP") December 8, 2022 authorization. The attachments include laboratory analysis of samples collected during the sampling event, meteorological data collected from the Quarry weather station from April 9, 2023 through April 12, 2023, and GPS vehicle tracking data logs for equipment used during the event. For the reasons that follow, Heidelberg respectfully requests that PADEP lift its December 5, 2018 cessation order and allow Heidelberg to fully resume permitted activities at the Quarry.

Initially, please note that during the sampling event, the pump from low-flow air monitor 5 (M5L) experienced technical issues and was replaced roughly mid-way through the sampling event with the pump from low-flow monitor 8 (M8L), given that M8L is located upwind of the Quarry and would not detect ambient naturally occurring asbestos or elongate mineral particles attributed with the site activity. For a more complete explanation, please see Attachment 4.

As PADEP is aware, Heidelberg has completed three (3) separate activity based sampling events:

- June 1, 2022 (Light Truck Movement),
- October 11, 2022 (Equipment Delivery and Site Maintenance), and
- April 12, 2023 (Stockpile Movement).

Across those three (3) sampling events and thirty-nine (39) total samples collected from eight (8) Quarry perimeter air monitors (excluding two (2) blank samples from each event), only two (2) total amphibole

structures have been identified, neither of which were determined to be asbestiform structures. As Heidelberg has detailed, even if the identified structures were determined to be asbestiform, their detection would have resulted in concentrations that are significantly lower than PADEP's action limit of 0.01 fibers/cc.

Prior to the activity based sampling events, Heidelberg also conducted five (5) rounds of background sampling at the Quarry between June and September 2021. Of the forty (40) background samples, Heidelberg identified only a single structure, which was also subsequently determined to not possess asbestos morphology.

In summary, across seventy-nine (79) samples collected during both activity based sampling and background sampling events at the Quarry, Heidelberg has only identified three (3) total structures, none of which were determined to be asbestiform.

As a result of this extensive sampling, Heidelberg respectfully requests that PADEP lift its December 5, 2018 cessation order and allow Heidelberg to fully resume permitted operations at the Quarry. The results of the air sampling over the last two (2) years demonstrate that operations at the Quarry will not result in an unacceptable risk of exposure to asbestos associated with quarrying activities.

Regards,



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

encl: Attachments 1-4

cc: John Stefanko, PADEP (e-mail only)
Daniel Sammarco, P.E., PADEP (e-mail only)
Randy Shustack, PADEP (e-mail only)
Ross Klock, PADEP (e-mail only)
Michael P. Kutney, P.G., PADEP (e-mail only)
Amiee Bollinger, PADEP (e-mail only)
Darren Henry, 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)
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, Heidelberg (e-mail only)
Michael C. Lewis, CHMM, Heidelberg (e-mail only)
Timothy S. Jacobs, Heidelberg (e-mail only)
David A. Assalone, Esq., Heidelberg (e-mail only)
Robert J. Schena, Esq., Fox Rothschild LLP
Environmental File

Attachment 1
Laboratory Analysis

May 1, 2023

Robert Schena
Fox Rothschild LLP
2700 Kelly Road, Suite 300
Warrington, PA 18976

RE: Air Sample Analyses
RJ Lee Group Project Number: LLH901997

Mr. Schena,

RJ Lee Group (RJLG) has analyzed seventeen (17) samples, including two (2) blank filter cassettes, collected by Compliance Management International on April 12, 2023. The samples were received in good condition via FedEx on April 14, 2023. The samples were analyzed using ISO method 10312 modified per OSWER Directive #9200.0-68 to include fibers $\geq 0.5 \mu\text{m}$ long and $\geq 3:1$ aspect ratio.

Figure 1 shows the location of the sampling sites on a map of the Rock Hill quarry site as well as the wind direction (as recorded by Compliance Management International) during the sampling event.

Of the seventeen samples analyzed, no countable structures ($\geq 0.5 \mu\text{m}$ long, $\geq 3:1$ aspect ratio) were detected in sixteen of the samples. A single amphibole structure (Figure 2) was observed during the analysis of sample M4H (3183841) collected at site location M4. The structure is $6.4 \mu\text{m}$ long and $0.8 \mu\text{m}$ wide (aspect ratio 8.0) and does not have characteristics of asbestiform morphology. The concentration calculated from this analysis is 0.0011 fibers/cc and is 10 times lower than the proposed action limit of 0.01 fibers/cc.

No countable structures were observed on either of the analyzed field blanks.

The laboratory analysis report is attached for reference.

Table 1 provides a listing of the total number of grid openings analyzed and grid opening areas for each analyzed sample.

If you have any questions, please do not hesitate to contact me directly.

Sincerely,



Bryan Bandli, Ph.D.
Principal Investigator
bbandli@rjleegroup.com

Table 1. Grid opening areas and grid openings analyzed.

Client Sample Number	RJLG Sample ID	Grid Opening Area (mm ²)	Grid Openings analyzed
M3L	3183832	0.00872113	40
M3H	3183837	0.00872113	40
M2L	3183838	0.00872113	40
M2H	3183839	0.00872113	40
M4L	3183840	0.00872113	40
M4H	3183841	0.00872113	40
M5L	3183842	0.00872113	40
M5H	3183843	0.00872113	80
M6L	3183844	0.00872113	40
M6H	3183845	0.00872113	40
M1L	3183846	0.00872113	40
M1H	3183847	0.00872113	40
M7L	3183848	0.00872113	40
M7H	3183849	0.00872113	40
M8H	3183850	0.00872113	40
B1	3183851	0.00872113	40
B2	3183852	0.00872113	40

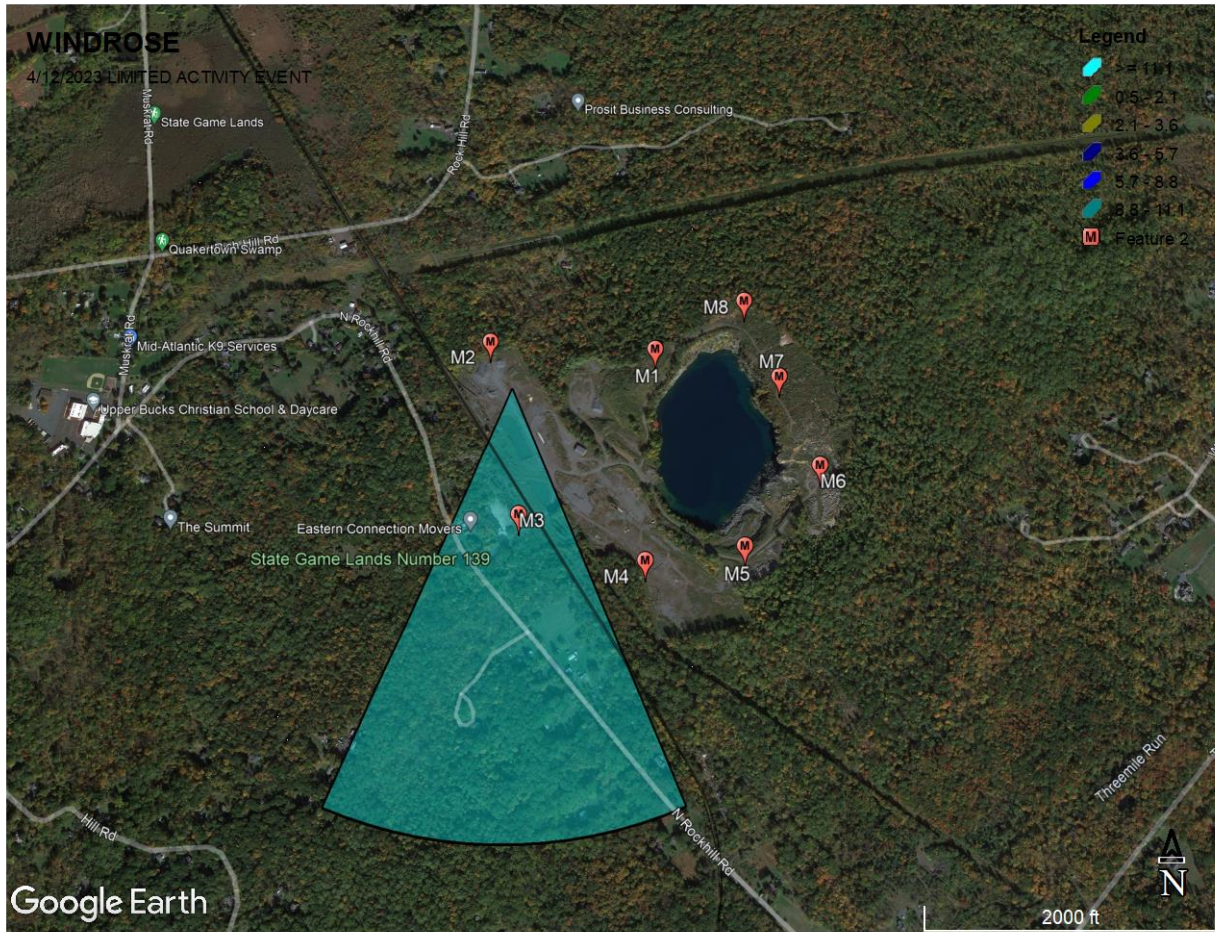


Figure 1. Rock Hill quarry site map, with April 12, 2023 Windrose diagram and sample collection locations indicated.

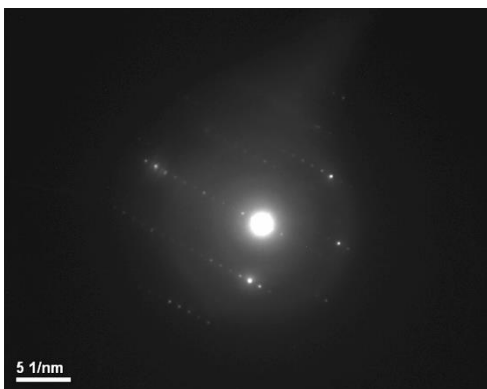
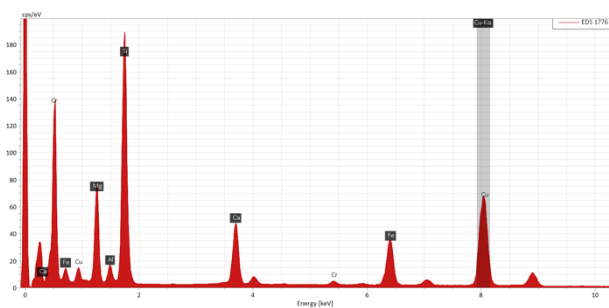
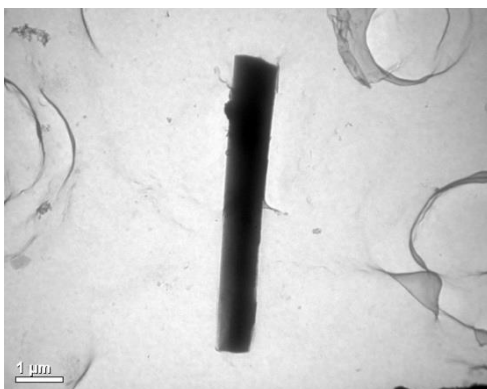


Figure 2. Electron micrograph (top), energy dispersive x-ray spectrum (middle) and selected area electron diffraction pattern (bottom) from actinolite structure observed in sample M4H (3183841) collected at site location M4. The structure measures 6.4 μm long and 0.8 μm wide (aspect ratio 8.0)

Final Laboratory Report

TEM ISO Analysis

Mr. Robert Schena
Fox Rothschild LLP
747 Constitution Drive
Suite 100
Exton, PA 19341
US

Report Date: 04/28/2023
Sample Receipt Date: 04/14/2023
RJ Lee Group Job No.: LLH901997-40
Authorization/P.O. No.:
Samples Received: 17
Client Job No.:

ISO 10312, 2nd Edition 2019

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
M3L	3183832.HT	M3 Collected 4/12/23	385	980	0.34885	<u>0</u>	<u>0</u>	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M3H	3183837.HT	M3 Activity Collected 4/12/23	385	956	0.34885	<u>0</u>	<u>0</u>	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M2L	3183838.HT	M2 Collected 4/12/23	385	972	0.34885	<u>0</u>	<u>0</u>	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M2H	3183839.HT	M2 Activity Collected 4/12/23	385	1067	0.34885	<u>0</u>	<u>0</u>	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010

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 Pittsburgh, PA (AIHA LAP, LLC #292885, NVLAP #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.
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RJ Lee Group, Inc.

Final Laboratory Report (cont'd)

RJ Lee Group Job No: LLH901997-40
 Client Job No/Name:

Client: Fox Rothschild LLP
 Report Date: 04/28/2023

TABLE 1 – Structures Length ≥0.5µm, Length:Width Aspect Ratio ≥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
M4L	3183840.HT	M4 Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M4H	3183841.HT	M4 Activity Collected 4/12/23	385	980	0.34885	0	1	0 - 3	0 - 5	0.0011	< 0.0011	0.0011	0	< 0.0011
M5L	3183842.HT	M5 Collected 4/12/23	385	754	0.34885	0	0	0 - 3	0 - 3	0.0015	< 0.0015	< 0.0015	0	< 0.0015
M5H	3183843.HT	M5 Activity Collected 4/12/23	385	1020	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M6L	3183844.HT	M6 Collected 4/12/23	385	964	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M6H	3183845.HT	M6 Activity Collected 4/12/23	385	1024	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M1L	3183846.HT	M1 Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M1H	3183847.HT	M1 Activity Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M7L	3183848.HT	M7 Collected 4/12/23	385	962	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M7H	3183849.HT	M7 Activity Collected 4/12/23	385	956	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012

NOTES

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RJ Lee Group, Inc.

Final Laboratory Report (cont'd)

RJ Lee Group Job No: LLH901997-40
 Client Job No/Name:

Client: Fox Rothschild LLP
 Report Date: 04/28/2023

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
M8H	3183850.HT	M8 Activity Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
B1	3183851.HT	Collected 4/12/23	385	0	0.34885	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A
B2	3183852.HT	Collected 4/12/23	385	0	0.34885	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A

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RJ Lee Group, Inc.

RJ Lee Group Job No: LLH901997-40
 Client Job No/Name:

Final Laboratory Report (cont'd)

Client: Fox Rothschild LLP
 Report Date: 04/28/2023

TABLE 2 – Structures Length ≥5.0µm, Length:Width Aspect Ratio ≥3:1

Client Sample Number	RJLG Sample Number	Sample Description	Filter Area (mm²)	Volume (liter)	Area Analyzed (mm²)	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
M3L	3183832.HT	M3 Collected 4/12/23	385	980	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M3H	3183837.HT	M3 Activity Collected 4/12/23	385	956	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M2L	3183838.HT	M2 Collected 4/12/23	385	972	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M2H	3183839.HT	M2 Activity Collected 4/12/23	385	1067	0.34885	0	0	0 - 3	0 - 3	0.0010	< 0.0010	< 0.0010	0	< 0.0010
M4L	3183840.HT	M4 Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M4H	3183841.HT	M4 Activity Collected 4/12/23	385	980	0.34885	0	1	0 - 3	0 - 5	0.0011	< 0.0011	0.0011	0	< 0.0011
M5L	3183842.HT	M5 Collected 4/12/23	385	754	0.34885	0	0	0 - 3	0 - 3	0.0015	< 0.0015	< 0.0015	0	< 0.0015
M5H	3183843.HT	M5 Activity Collected 4/12/23	385	1020	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011

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RJ Lee Group, Inc.

Final Laboratory Report (cont'd)

RJ Lee Group Job No: LLH901997-40
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Client: Fox Rothschild LLP
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TABLE 2 – Structures Length ≥5.0µm, Length:Width Aspect Ratio ≥3:1

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M1L	3183846.HT	M1 Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M1H	3183847.HT	M1 Activity Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M7L	3183848.HT	M7 Collected 4/12/23	385	962	0.34885	0	0	0 - 3	0 - 3	0.0011	< 0.0011	< 0.0011	0	< 0.0011
M7H	3183849.HT	M7 Activity Collected 4/12/23	385	956	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
M8H	3183850.HT	M8 Activity Collected 4/12/23	385	960	0.34885	0	0	0 - 3	0 - 3	0.0012	< 0.0012	< 0.0012	0	< 0.0012
B1	3183851.HT	Collected 4/12/23	385	0	0.34885	0	0	0 - 3	0 - 3	N/A	N/A	N/A	0	N/A

NOTES

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- "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 #292885) 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: LLH901997-40
 Client Job No/Name:

Final Laboratory Report (cont'd)

Client: Fox Rothschild LLP
 Report Date: 04/28/2023

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
B2	3183852.HT	Collected 4/12/23	385	0	0.34885	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 Pittsburgh, PA (AIHA LAP, LLC #292885, NVLAP #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.
- This report relates only to items tested. Reproduction of this document must include all pages in order to be valid.
- "Asbestiform Amphibole" section represents number and concentration of asbestiform amphibole structures included in "Total Structures" count and concentration.

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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.

Request for Environmental and IH Laboratory Analytical Services

ATTENTION TO:						Purchase Order No.:				Client Job No.:							
Lab Use Only	Project No.:		Client No.:		Date Results Needed	Rush Charges Authorized? <input type="checkbox"/> YES <input type="checkbox"/> NO (check one)											
	Date Logged In:		Logged In By:														
Report Results To	Name: Kristian Witt					Drinking Water Sample Only	Sample Purpose: Information <input type="checkbox"/> Regulatory <input type="checkbox"/> Accreditation (please list below):										
	Company: Compliance Management International						System ID #:										
	Address: 1350 Welsh Rd, Suite 200						DOH Source #:										
	City, State, Zip: North Wales, PA 19454					Multiple Sources #:											
	Phone: 267-303-9319 Fax:					Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>											
Email Results To: kwitt@complianceplace.com					Chemistry Analysis Key	Preservation:		Matrix:		SW=Surface Water		Container:					
						Unpres H ₂ SO ₄ 4°C HCl HNO ₃ NaOH Other Na ₂ SO ₄		WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract		DW=Drinking Water O=Oil X=Other		P=Plastic G=Glass W=Wipe A=Air (filter or tube)					
Invoice To	Name: SAME If a hard copy of invoice is needed, check here <input type="checkbox"/>					Analysis Requested											
	Company: Email:																
	Address: City, State, Zip: Phone: Fax:																
ATTENTION TO:	Analyze by ISO 1312-2019-10																
Client Sample ID		Sample Description		Sample Collection Date (required)	Sample Collection Time	Total Collection Time - min	Wipe Area or Air Volume (specify units)					Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers
M3L		M3		04/12/23		480	980L	X									
M3H		M3-Activity		04/12/23		239	956L	X									
M2L		M2		04/12/23		486	972L	X									
M2H		M2-Activity		04/12/23		237	1067L	X									
M4L		M4		04/12/23		480	960L	X									
M4H		M4-Activity		04/12/23		245	980L	X									
M5L		M5		04/12/23		377	754L	X									
M5H		M5-Activity		04/12/23		255	1020L	X									
M6L		M6		04/12/23		482	964L	X									
M6H		M6-Activity		04/12/23		256	1024L	X									
M1L		M1		04/12/23		1505	960L	X									
Chain of Custody	Relinquished By (Signature): <i>[Signature]</i>		Date: 4/13/23		Time: 1500												
	Relinquished By (Print Name): Greg Matty		Relinquished To:		Method of Shipment: FedEx												
	Company Name: CMI		Date:		Time:												
Chain of Custody	Received By (Signature): <i>[Signature]</i>		Date: 4/14/23		Time:												
	Received By (Print Name): M. Shafiq		Relinquished To:		Method of Shipment:												
	Company Name: RTG		Date:		Time:												

Pennsylvania - HQ
350 Hochberg Road
Monroeville, PA 15146

724.325.1776 Phone
724.733.1799 Fax

Washington
Columbia Basin Analytical Laboratories
2710 North 20th Avenue
Pasco, WA 99301

509.545.4989 Phone
509.544.6010 Fax



Request for Environmental and IH Laboratory Analytical Services

Page of

ATTENTION TO:						Purchase Order No.:			Client Job No.:																														
Lab Use Only		Project No.: Client No.:		Date Results Needed		Rush Charges Authorized? (check one) <input type="checkbox"/> YES <input type="checkbox"/> NO																																	
		Date Logged In: Logged In By:				Sample Purpose: Information <input type="checkbox"/> Regulatory <input type="checkbox"/> Accreditation (please list below):																																	
Report Results To		Name: Kristian Witt				System ID #:																																	
		Company: Compliance Management International				DOH Source #:																																	
		Address: 1350 Welsh Rd, Suite 200				Multiple Sources #s:																																	
		City, State, Zip: North Wales, PA 19454				Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>																																	
		Phone: 267-303-9319 Fax:		Email Results To: kwitt@compliancplace.com				Preservation: Unpres H ₂ SO ₄ 4° C HCl HNO ₃ NaOH Other Na ₂ SO ₄			Matrix: WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract																												
						SW=Surface Water DW=Drinking Water O=Oil X=Other			Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube)																														
Invoice To		Name: SAME If a hard copy of invoice is needed, check here <input type="checkbox"/>		Company: Email:		Analysis Requested																																	
		Address:				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Asbestos TEM</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						Asbestos TEM																											
Asbestos TEM																																							
		City, State, Zip:		Phone: Fax:																																			
ATTENTION TO:		Analyze by ISO 1312-2019-10																																					
Client Sample ID		Sample Description		Sample Collection Date (required)		Sample Collection Time		Total Collection Time - min		Wipe Area or Air Volume (specify units)		Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers																						
M1H		M1-Activity		04/12/23				240		960L		X																											
M7L		M7		04/12/23				481		962L		X																											
M7H		M7-Activity		04/12/23				239		956L		X																											
M8H		M8-Activity		04/12/23				240		960L		X																											
B1		Blank		4/12/22				0		0L		X																											
B2		Blank		04/12/23				0		0L		X																											
Chain of Custody		Relinquished By (Signature):		Date: 4/13/23		Time: 1544		Chain of Custody			Received By (Signature):		Date: 04/14/23		Time:																								
		Relinquished By (Print Name): Greg Matty		Relinquished To:		Company Name: CMI		Method of Shipment: FedEx		Received By (Print Name): M. Shroter		Relinquished To:		Company Name: CMI		Method of Shipment:																							
		Date:		Time:				Chain of Custody			Received By (Signature):		Date:		Time:																								
		Relinquished By (Print Name):		Relinquished To:		Company Name:		Method of Shipment:		Received By (Print Name):		Relinquished To:		Company Name:		Method of Shipment:																							

Pennsylvania - HQ
 350 Hochberg Road
 Monroeville, PA 15146
 724.325.1776 Phone
 724.733.1799 Fax

Washington
 Columbia Basin Analytical Laboratories
 2710 North 20th Avenue
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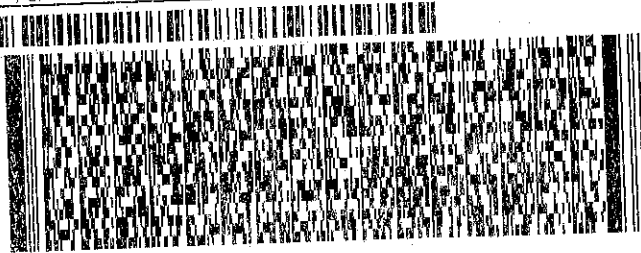
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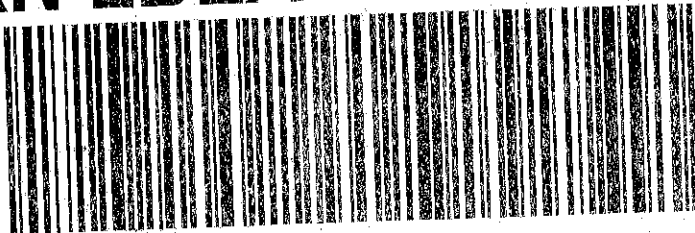
FRI - 14 APR 4:30P
STANDARD OVERNIGHT

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Attachment 2
Wind and Precipitation Data
April 9 – April 12, 2023

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

Date	Outdoor Temperature (°F)	Wind Speed (mph)	Wind Gust (mph)	Wind Direction (°)	Hourly Rain (in/hr)	Daily Rain (in)	Humidity (%)
4/12/2023 23:57	71.6	3.8	8.1	323	0	0	40
4/12/2023 23:42	72	3.8	9.8	317	0	0	39
4/12/2023 23:27	72.1	2.5	6.7	308	0	0	39
4/12/2023 23:12	72.7	3.1	6.5	325	0	0	38
4/12/2023 22:57	73	4.5	10.1	316	0	0	38
4/12/2023 22:42	73.4	3.1	8.5	337	0	0	37
4/12/2023 22:27	73.9	4.5	10.5	306	0	0	37
4/12/2023 22:12	74.5	4.3	9.2	284	0	0	36
4/12/2023 21:57	74.8	3.8	8.7	299	0	0	36
4/12/2023 21:42	75	2.2	7.6	279	0	0	36
4/12/2023 21:27	75.6	3.4	10.5	291	0	0	35
4/12/2023 21:12	75.7	4	8.9	295	0	0	35
4/12/2023 20:57	75.6	3.1	11.4	266	0	0	35
4/12/2023 20:42	75.7	1.1	5.4	224	0	0	35
4/12/2023 20:27	76.3	0.9	4.7	268	0	0	34
4/12/2023 20:12	76.6	2	5.1	311	0	0	34
4/12/2023 19:57	77.5	3.1	9.2	323	0	0	33
4/12/2023 19:42	78.3	4.9	9.6	313	0	0	32
4/12/2023 19:27	79.2	6	10.1	306	0	0	31
4/12/2023 19:12	80.1	9.2	22.4	304	0	0	30
4/12/2023 18:57	80.6	8.5	16.1	298	0	0	30
4/12/2023 18:42	81	10.3	19.5	302	0	0	29
4/12/2023 18:27	81.1	10.7	23	296	0	0	29
4/12/2023 18:12	81.3	12.1	19.9	299	0	0	29
4/12/2023 17:57	81.7	10.3	21.3	297	0	0	29
4/12/2023 17:42	81.5	10.3	19.7	300	0	0	29
4/12/2023 17:27	81.7	12.8	27.3	300	0	0	29
4/12/2023 17:12	81.7	8.3	15.9	283	0	0	29
4/12/2023 16:57	81.5	9.4	21.3	300	0	0	29
4/12/2023 16:42	81.5	11.2	21.9	289	0	0	28
4/12/2023 16:27	81.5	11.6	22.6	293	0	0	28
4/12/2023 16:12	81	14.3	26.4	307	0	0	29
4/12/2023 15:57	81.3	15.7	28.6	308	0	0	28
4/12/2023 15:42	81.5	12.1	25.1	307	0	0	29
4/12/2023 15:27	81.1	11.6	23.7	303	0	0	29
4/12/2023 15:12	80.6	12.1	21	301	0	0	30
4/12/2023 14:57	80.1	15.2	27.7	302	0	0	30
4/12/2023 14:42	79.9	13.4	24.6	299	0	0	29
4/12/2023 14:27	79.3	15.2	26.6	302	0	0	29
4/12/2023 14:12	79.2	13.9	25.5	302	0	0	29

*The green shaded cells represent the approximate time period (7:00am-3:00pm) during which Heidelberg collected low-flow sampling data on April 12, 2023, from eight (8) air monitors located around the Quarry perimeter.

**The blue shaded cells represent the approximate time period (10:00am-2:00pm) during which Heidelberg collected high-flow sampling data during the ABS activity at the Quarry.

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/12/2023 13:57	79.2	12.5	28.6	297	0	0	29
4/12/2023 13:42	78.4	10.7	17.9	289	0	0	30
4/12/2023 13:27	77.9	12.8	24.8	299	0	0	29
4/12/2023 13:12	77.5	13	26.8	300	0	0	28
4/12/2023 12:57	76.8	12.5	22.6	301	0	0	28
4/12/2023 12:42	76.3	13.4	22.6	298	0	0	29
4/12/2023 12:27	75.6	12.5	23.7	297	0	0	30
4/12/2023 12:12	75.2	12.5	24.4	307	0	0	31
4/12/2023 11:57	74.7	14.8	28	305	0	0	32
4/12/2023 11:42	73.8	15.7	26.8	308	0	0	33
4/12/2023 11:27	73	14.5	25.5	301	0	0	34
4/12/2023 11:12	72.3	14.5	25.9	301	0	0	35
4/12/2023 10:57	71.8	12.3	23.9	303	0	0	35
4/12/2023 10:42	70.5	12.3	23	306	0	0	36
4/12/2023 10:27	69.3	13.6	21.9	299	0	0	37
4/12/2023 10:12	68.9	13.2	25.7	296	0	0	37
4/12/2023 9:57	68.5	12.8	23.7	301	0	0	37
4/12/2023 9:42	68.2	11.4	22.8	301	0	0	36
4/12/2023 9:27	67.5	12.5	23.3	299	0	0	36
4/12/2023 9:12	66.9	11.9	21.5	304	0	0	37
4/12/2023 8:57	66	10.5	19.7	295	0	0	37
4/12/2023 8:42	65.5	9.8	20.1	307	0	0	37
4/12/2023 8:27	65.5	9.4	22.6	301	0	0	37
4/12/2023 8:12	65.1	10.1	24.6	303	0	0	37
4/12/2023 7:57	64.6	10.3	17.9	303	0	0	37
4/12/2023 7:42	64.2	10.3	19.2	303	0	0	37
4/12/2023 7:27	63.5	8.1	14.1	302	0	0	38
4/12/2023 7:12	63.1	6.9	13.4	307	0	0	37
4/12/2023 6:57	62.8	7.6	14.5	308	0	0	37
4/12/2023 6:42	62.6	8.3	13.4	309	0	0	37
4/12/2023 6:27	62.4	8.1	16.1	309	0	0	37
4/12/2023 6:12	62.1	6.5	12.1	308	0	0	37
4/12/2023 5:57	62.1	6.3	13	309	0	0	36
4/12/2023 5:42	62.2	4.7	10.5	297	0	0	36
4/12/2023 5:27	62.2	4	8.3	305	0	0	36
4/12/2023 5:12	62.4	4.3	9.2	302	0	0	35
4/12/2023 4:57	62.4	4	8.9	310	0	0	35
4/12/2023 4:42	62.4	4	8.1	315	0	0	35
4/12/2023 4:27	62.8	3.8	7.4	310	0	0	34
4/12/2023 4:12	62.8	4.3	9.6	307	0	0	34
4/12/2023 3:57	63	4.7	8.1	316	0	0	33
4/12/2023 3:42	63.3	4.7	8.7	307	0	0	33
4/12/2023 3:27	63.5	5.4	11.2	312	0	0	32

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/12/2023 3:12	63.5	5.4	11	310	0	0	32
4/12/2023 2:57	63.5	5.6	10.1	312	0	0	31
4/12/2023 2:42	63.9	5.8	11.2	309	0	0	31
4/12/2023 2:27	63.9	4.9	9.8	301	0	0	30
4/12/2023 2:12	64.2	5.1	9.8	309	0	0	30
4/12/2023 1:57	64.4	4.9	11	297	0	0	29
4/12/2023 1:42	64.6	4.7	8.9	302	0	0	29
4/12/2023 1:27	64.8	3.8	8.1	307	0	0	28
4/12/2023 1:12	65.1	4.9	11.6	300	0	0	27
4/12/2023 0:57	65.1	4.5	10.7	303	0	0	26
4/12/2023 0:42	65.7	4.7	10.1	299	0	0	25
4/12/2023 0:27	65.8	4.3	10.7	307	0	0	25
4/12/2023 0:12	65.7	5.1	9.8	301	0	0	25
4/11/2023 23:57	65.7	4.3	9.6	297	0	0.01	25
4/11/2023 23:42	65.8	4.5	11	304	0	0.01	25
4/11/2023 23:27	66	5.4	11.2	307	0	0.01	25
4/11/2023 23:12	66	4.9	10.3	306	0	0.01	26
4/11/2023 22:57	66	4	11.2	306	0	0.01	26
4/11/2023 22:42	66	4	10.5	311	0	0.01	26
4/11/2023 22:27	65.8	4.7	12.1	301	0	0.01	26
4/11/2023 22:12	64.9	1.8	7.6	228	0	0.01	28
4/11/2023 21:57	64.6	1.6	6.7	210	0	0.01	30
4/11/2023 21:42	64.9	2	7.8	235	0	0.01	29
4/11/2023 21:27	64.9	0.9	5.1	206	0	0.01	29
4/11/2023 21:12	65.1	0.4	4.7	205	0	0.01	29
4/11/2023 20:57	65.7	0.9	6.9	276	0	0.01	28
4/11/2023 20:42	66.4	1.6	6	243	0	0.01	28
4/11/2023 20:27	66.6	1.8	7.2	213	0	0.01	27
4/11/2023 20:12	67.5	2.5	9.2	250	0	0.01	26
4/11/2023 19:57	68	2.7	8.1	240	0	0.01	25
4/11/2023 19:42	68.7	3.8	9.6	274	0	0.01	24
4/11/2023 19:27	69.6	4.7	13.2	282	0	0.01	23
4/11/2023 19:12	70.5	7.2	15	296	0	0.01	23
4/11/2023 18:57	70.9	7.6	17.9	281	0	0.01	22
4/11/2023 18:42	70.9	8.5	17.2	280	0	0.01	22
4/11/2023 18:27	71.1	8.5	17.2	282	0	0.01	21
4/11/2023 18:12	71.8	6.3	16.1	283	0	0.01	21
4/11/2023 17:57	71.2	6.5	13.6	263	0	0.01	20
4/11/2023 17:42	70.7	8.5	16.3	279	0	0.01	20
4/11/2023 17:27	70.7	8.1	15.9	292	0	0.01	21
4/11/2023 17:12	70.3	7.6	18.6	288	0	0.01	21
4/11/2023 16:57	70.3	9.6	17.9	288	0	0.01	21
4/11/2023 16:42	70.5	9.6	19	294	0	0.01	21

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/11/2023 16:27	70.9	11	20.1	300	0	0.01	20
4/11/2023 16:12	71.4	9.4	21.3	295	0	0.01	20
4/11/2023 15:57	71.4	9.8	19	295	0	0.01	20
4/11/2023 15:42	72.9	8.1	18.3	281	0	0.01	19
4/11/2023 15:27	70.9	11	24.4	287	0	0.01	20
4/11/2023 15:12	71.1	12.5	22.8	289	0	0.01	20
4/11/2023 14:57	71.8	9.2	25.5	290	0	0.01	19
4/11/2023 14:42	72.1	9.4	23.7	288	0	0.01	19
4/11/2023 14:27	72.1	9.4	22.8	289	0	0.01	18
4/11/2023 14:12	71.4	8.9	19.5	260	0	0.01	19
4/11/2023 13:57	70.7	9.8	21.3	272	0	0.01	19
4/11/2023 13:42	70.2	11.6	25.7	280	0	0.01	20
4/11/2023 13:27	70.2	10.1	30.2	292	0	0.01	20
4/11/2023 13:12	69.4	11.4	26.4	283	0	0.01	20
4/11/2023 12:57	69.6	12.1	23.3	294	0	0.01	21
4/11/2023 12:42	68.9	11.2	28	297	0.03	0	22
4/11/2023 12:27	69.3	8.9	23.9	279	0	0	23
4/11/2023 12:12	68	11	20.6	297	0	0	24
4/11/2023 11:57	67.6	7.6	15.7	279	0	0	25
4/11/2023 11:42	66.7	8.1	19.7	307	0	0	26
4/11/2023 11:27	65.5	7.4	16.6	280	0	0	28
4/11/2023 11:12	64.2	8.3	13.9	304	0	0	30
4/11/2023 10:57	63.7	6.3	13.6	299	0	0	31
4/11/2023 10:42	62.1	7.2	13	309	0	0	32
4/11/2023 10:27	60.8	5.1	10.5	313	0	0	33
4/11/2023 10:12	60.6	4.9	9.6	282	0	0	33
4/11/2023 9:57	59.5	4.9	9.2	308	0	0	34
4/11/2023 9:42	58.6	3.6	9.6	284	0	0	35
4/11/2023 9:27	57.4	4.3	9.2	296	0	0	36
4/11/2023 9:12	55.9	5.8	11.6	308	0	0	38
4/11/2023 8:57	55	3.8	9.2	308	0	0	39
4/11/2023 8:42	53.6	2.7	7.2	306	0	0	40
4/11/2023 8:27	51.8	3.4	9.6	302	0	0	43
4/11/2023 8:12	50.7	3.4	6.7	309	0	0	44
4/11/2023 7:57	49.3	3.1	8.7	346	0	0	46
4/11/2023 7:42	46.6	0.7	5.1	301	0	0	53
4/11/2023 7:27	44.6	0.2	3.8	288	0	0	55
4/11/2023 7:12	42.8	0.2	5.1	281	0	0	58
4/11/2023 6:57	43.5	0.2	1.6	280	0	0	57
4/11/2023 6:42	44.6	0.2	2.5	280	0	0	54
4/11/2023 6:27	43.7	0.2	4.3	313	0	0	56
4/11/2023 6:12	43.9	0	1.1	329	0	0	56
4/11/2023 5:57	44.4	0	2	329	0	0	54

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/11/2023 5:42	45.7	0	1.8	329	0	0	52
4/11/2023 5:27	46.9	0.7	2.9	329	0	0	50
4/11/2023 5:12	47.7	1.1	3.1	329	0	0	48
4/11/2023 4:57	48.2	1.6	4.5	329	0	0	46
4/11/2023 4:42	48.7	1.8	4.3	329	0	0	45
4/11/2023 4:27	48.9	1.6	4.7	329	0	0	45
4/11/2023 4:12	49.5	1.3	4.3	329	0	0	44
4/11/2023 3:57	49.8	2	6	310	0	0	43
4/11/2023 3:42	49.1	1.3	6.3	311	0	0	45
4/11/2023 3:27	49.5	2.5	5.6	324	0	0	44
4/11/2023 3:12	49.6	2.2	6	324	0	0	44
4/11/2023 2:57	49.6	2	6	324	0	0	44
4/11/2023 2:42	49.8	2.2	7.4	324	0	0	44
4/11/2023 2:27	50.2	2.2	5.6	311	0	0	43
4/11/2023 2:12	50.2	2.5	7.4	300	0	0	43
4/11/2023 1:57	50.5	2	7.2	303	0	0	43
4/11/2023 1:42	50.7	2.7	7.4	295	0	0	42
4/11/2023 1:27	50.4	1.1	7.4	291	0	0	42
4/11/2023 1:12	50.5	1.6	5.4	318	0	0	42
4/11/2023 0:57	50.4	1.6	5.8	311	0	0	42
4/11/2023 0:42	50.2	0	1.6	163	0	0	43
4/11/2023 0:27	50.7	0	2	163	0	0	41
4/11/2023 0:12	50.9	0.7	4	163	0	0	41
4/10/2023 23:57	51.4	0.9	3.6	163	0	0	40
4/10/2023 23:42	52.3	1.1	4.7	197	0	0	39
4/10/2023 23:27	52.5	1.8	7.8	204	0	0	39
4/10/2023 23:12	52.7	2.2	7.6	231	0	0	39
4/10/2023 22:57	53.1	1.6	6.5	245	0	0	40
4/10/2023 22:42	53.4	1.6	12.1	205	0	0	40
4/10/2023 22:27	53.8	0.9	6	230	0	0	39
4/10/2023 22:12	54.7	1.3	5.8	216	0	0	38
4/10/2023 21:57	55.6	2	7.4	238	0	0	37
4/10/2023 21:42	56.3	3.1	12.1	227	0	0	35
4/10/2023 21:27	57	3.8	11.4	217	0	0	33
4/10/2023 21:12	57.2	1.3	6	224	0	0	32
4/10/2023 20:57	57.4	1.1	6	229	0	0	32
4/10/2023 20:42	57.4	1.1	6.9	249	0	0	32
4/10/2023 20:27	57.7	1.1	6.3	248	0	0	32
4/10/2023 20:12	58.3	1.1	6.7	158	0	0	32
4/10/2023 19:57	59	1.8	6.3	196	0	0	31
4/10/2023 19:42	59.7	3.6	10.1	210	0	0	31
4/10/2023 19:27	60.6	2.7	7.6	198	0	0	30
4/10/2023 19:12	62.4	2.5	6.9	252	0	0	28

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/10/2023 18:57	63	3.8	12.1	278	0	0	28
4/10/2023 18:42	63.5	4.3	12.1	218	0	0	27
4/10/2023 18:27	64	4.5	11.2	221	0	0	26
4/10/2023 18:12	64.8	4.5	9.6	279	0	0	24
4/10/2023 17:57	64.6	3.6	10.1	195	0	0	24
4/10/2023 17:42	64.8	5.6	17.2	279	0	0	23
4/10/2023 17:27	65.3	3.6	12.8	293	0	0	23
4/10/2023 17:12	64.9	5.6	12.8	287	0	0	23
4/10/2023 16:57	65.3	5.6	12.1	270	0	0	23
4/10/2023 16:42	65.3	4.3	11.6	256	0	0	23
4/10/2023 16:27	65.3	6	14.3	291	0	0	23
4/10/2023 16:12	65.8	3.8	11.4	280	0	0	22
4/10/2023 15:57	65.5	3.4	11.4	332	0	0	21
4/10/2023 15:42	64.4	7.4	16.8	305	0	0	22
4/10/2023 15:27	65.5	6	15.7	307	0	0	22
4/10/2023 15:12	64.4	4.9	12.5	292	0	0	22
4/10/2023 14:57	63.7	7.6	17	298	0	0	22
4/10/2023 14:42	63.7	6	15.9	278	0	0	23
4/10/2023 14:27	62.6	6.7	15.2	303	0	0	25
4/10/2023 14:12	63.5	5.1	13	294	0	0	26
4/10/2023 13:57	61.7	5.1	15.4	301	0	0	29
4/10/2023 13:42	62.4	5.1	12.5	242	0	0	29
4/10/2023 13:27	60.6	5.6	15.7	289	0	0	32
4/10/2023 13:12	59.9	7.4	15.2	287	0	0	33
4/10/2023 12:57	61.3	5.6	15.7	295	0	0	32
4/10/2023 12:42	60.3	3.4	15	282	0	0	31
4/10/2023 12:27	59.5	5.8	13	251	0	0	32
4/10/2023 12:12	58.3	5.8	13.6	289	0	0	34
4/10/2023 11:57	58.6	5.1	13.4	269	0	0	35
4/10/2023 11:42	56.8	5.4	12.5	305	0	0	39
4/10/2023 11:27	55.8	4.7	9.8	298	0	0	42
4/10/2023 11:12	53.6	5.4	12.3	301	0	0	45
4/10/2023 10:57	53.2	6	13.9	283	0	0	47
4/10/2023 10:42	51.8	6.3	11.9	288	0	0	49
4/10/2023 10:27	50.4	8.1	13.2	303	0	0	51
4/10/2023 10:12	49.1	7.4	15.7	295	0	0	53
4/10/2023 9:57	48	9.4	19.7	300	0	0	55
4/10/2023 9:42	47.8	6.9	13.6	295	0	0	55
4/10/2023 9:27	47.1	7.4	14.8	282	0	0	56
4/10/2023 9:12	46.2	5.1	13	274	0	0	58
4/10/2023 8:57	45.1	6.7	12.8	295	0	0	59
4/10/2023 8:42	44.8	4.5	11.2	272	0	0	61
4/10/2023 8:27	43.3	5.1	12.5	302	0	0	65

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/10/2023 8:12	41.5	2.5	6.7	329	0	0	68
4/10/2023 7:57	38.8	0.4	5.1	216	0	0	75
4/10/2023 7:42	34.9	0	1.3	204	0	0	84
4/10/2023 7:27	33.4	0	0	204	0	0	86
4/10/2023 7:12	34.2	0	0	204	0	0	86
4/10/2023 6:57	33.4	0	0	204	0	0	89
4/10/2023 6:42	32.5	0	0	204	0	0	88
4/10/2023 6:27	34.2	0	0	204	0	0	85
4/10/2023 6:12	36.7	0	0	204	0	0	82
4/10/2023 5:57	37.2	0.2	3.4	209	0	0	82
4/10/2023 5:42	35.8	0.2	2.7	195	0	0	86
4/10/2023 5:27	34.3	0.4	2.9	172	0	0	86
4/10/2023 5:12	35.4	0.2	2.7	172	0	0	85
4/10/2023 4:57	35.6	0	0.9	172	0	0	84
4/10/2023 4:42	35.2	0	0	172	0	0	84
4/10/2023 4:27	36	0	1.3	172	0	0	83
4/10/2023 4:12	36.1	0	1.6	172	0	0	81
4/10/2023 3:57	36.1	0	2	172	0	0	82
4/10/2023 3:42	35.6	0	2.7	172	0	0	82
4/10/2023 3:27	37	0	0	172	0	0	78
4/10/2023 3:12	38.3	0	0	172	0	0	75
4/10/2023 2:57	38.8	0	2.7	172	0	0	73
4/10/2023 2:42	39.2	0.9	4.5	172	0	0	72
4/10/2023 2:27	39.7	1.6	5.4	172	0	0	71
4/10/2023 2:12	39.9	1.1	5.1	180	0	0	70
4/10/2023 1:57	40.3	1.6	5.4	152	0	0	68
4/10/2023 1:42	40.3	1.6	4.9	164	0	0	69
4/10/2023 1:27	40.5	1.1	5.8	182	0	0	69
4/10/2023 1:12	40.3	0.9	3.4	182	0	0	69
4/10/2023 0:57	40.8	1.1	4.7	151	0	0	68
4/10/2023 0:42	41	2.5	4.3	135	0	0	68
4/10/2023 0:27	41.4	2.7	4.5	135	0	0	68
4/10/2023 0:12	41.7	3.4	6.3	135	0	0	67
4/9/2023 23:57	41.9	3.1	4.7	135	0	0	68
4/9/2023 23:42	42.3	3.4	5.6	135	0	0	67
4/9/2023 23:27	42.6	4	6.7	136	0	0	67
4/9/2023 23:12	43	4.5	6.9	129	0	0	66
4/9/2023 22:57	43.5	4.7	7.2	132	0	0	65
4/9/2023 22:42	43.9	4.9	7.8	137	0	0	63
4/9/2023 22:27	44.2	5.1	8.3	130	0	0	62
4/9/2023 22:12	44.8	5.4	11.2	133	0	0	60
4/9/2023 21:57	45.3	5.8	10.1	127	0	0	58
4/9/2023 21:42	45.9	7.4	13.9	132	0	0	57

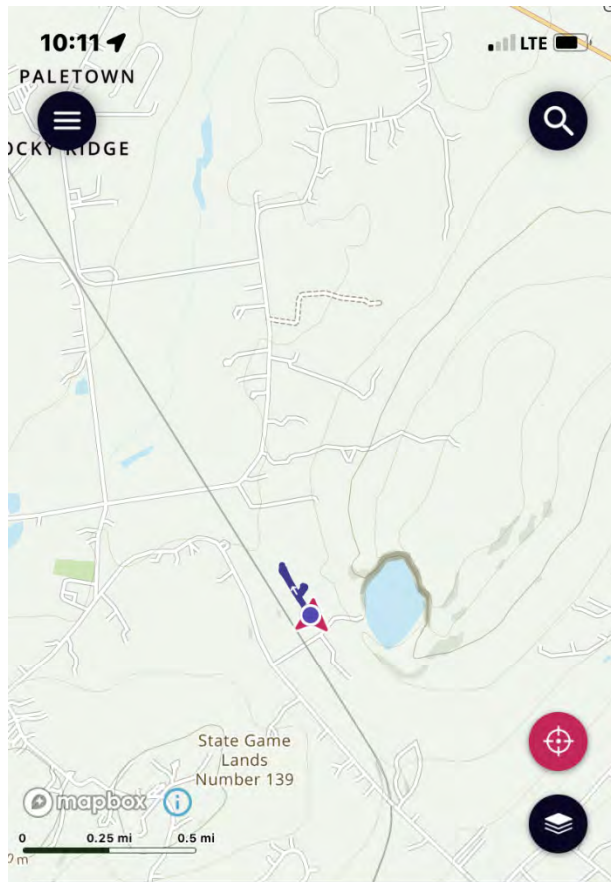
Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/9/2023 21:27	46.4	7.2	14.3	129	0	0	55
4/9/2023 21:12	47.1	6	9.6	135	0	0	53
4/9/2023 20:57	47.8	7.2	11.9	128	0	0	51
4/9/2023 20:42	48.7	7.6	12.1	130	0	0	49
4/9/2023 20:27	49.6	6.7	12.1	125	0	0	47
4/9/2023 20:12	50.4	5.6	10.1	130	0	0	45
4/9/2023 19:57	51.8	6	12.8	127	0	0	40
4/9/2023 19:42	53.2	1.1	5.1	152	0	0	31
4/9/2023 19:27	54.5	3.4	5.8	153	0	0	28
4/9/2023 19:12	56.5	1.6	6	243	0	0	24
4/9/2023 18:57	57.4	0.4	2.5	302	0	0	22
4/9/2023 18:42	57.4	3.4	7.6	295	0	0	22
4/9/2023 18:27	57.7	3.1	8.7	238	0	0	22
4/9/2023 18:12	57.9	2.2	6.7	194	0	0	22
4/9/2023 17:57	58.5	1.8	6.7	221	0	0	21
4/9/2023 17:42	58.6	2.9	8.5	307	0	0	21
4/9/2023 17:27	57.9	4.5	10.5	297	0	0	22
4/9/2023 17:12	58.6	3.8	12.1	301	0	0	22
4/9/2023 16:57	59.5	4	13.2	291	0	0	21
4/9/2023 16:42	58.5	3.4	11.6	290	0	0	24
4/9/2023 16:27	57.7	4.9	9.2	282	0	0	25
4/9/2023 16:12	58.5	5.8	16.1	297	0	0	25
4/9/2023 15:57	59.2	4.3	11.6	298	0	0	24
4/9/2023 15:42	60.8	2.9	11.4	15	0	0	23
4/9/2023 15:27	58.3	3.8	11.2	273	0	0	24
4/9/2023 15:12	57.6	4.9	13.6	262	0	0	25
4/9/2023 14:57	58.8	5.4	11.6	124	0	0	24
4/9/2023 14:42	57.6	3.4	11.6	113	0	0	25
4/9/2023 14:27	58.5	4.5	13.2	135	0	0	25
4/9/2023 14:12	58.6	4.3	12.1	169	0	0	25
4/9/2023 13:57	59	3.4	11.4	156	0	0	24
4/9/2023 13:42	57.9	3.6	13.4	92	0	0	25
4/9/2023 13:27	56.7	6	18.8	130	0	0	26
4/9/2023 13:12	57.6	5.6	12.8	121	0	0	26
4/9/2023 12:57	58.1	2.7	8.9	65	0	0	25
4/9/2023 12:42	56.8	4	11.6	128	0	0	26
4/9/2023 12:27	55.6	4.5	12.8	119	0	0	26
4/9/2023 12:12	56.5	3.1	10.5	72	0	0	27
4/9/2023 11:57	55.6	3.4	9.2	47	0	0	29
4/9/2023 11:42	54.7	2.5	7.6	52	0	0	32
4/9/2023 11:27	53.2	5.1	13.4	105	0	0	35
4/9/2023 11:12	53.1	3.1	7.8	83	0	0	36
4/9/2023 10:57	52	2.9	7.4	33	0	0	38

Heidelberg Materials Northeast LLC - Activity Based Sampling
Data from April 9, 2023 to April 12, 2023 at the Rock Hill Quarry

4/9/2023 10:42	51.6	4.5	10.7	121	0	0	39
4/9/2023 10:27	50.5	2.7	10.3	114	0	0	43
4/9/2023 10:12	49.1	4	10.5	112	0	0	45
4/9/2023 9:57	48.6	1.8	7.2	80	0	0	45
4/9/2023 9:42	47.5	1.8	7.4	58	0	0	45
4/9/2023 9:27	45.9	2.7	9.2	59	0	0	47
4/9/2023 9:12	45.1	1.8	6.3	76	0	0	49
4/9/2023 8:57	42.6	1.6	7.2	314	0	0	58
4/9/2023 8:42	39.6	2.2	4.7	308	0	0	69
4/9/2023 8:27	36.5	3.1	4.9	308	0	0	77
4/9/2023 8:12	34.2	2.2	5.4	265	0	0	82
4/9/2023 7:57	32	0	0	194	0	0	89
4/9/2023 7:42	30.2	0	0	194	0	0	91
4/9/2023 7:27	29.5	0	0	194	0	0	93
4/9/2023 7:12	28.9	0	0	194	0	0	93
4/9/2023 6:57	29.1	0	0	194	0	0	93
4/9/2023 6:42	29.1	0	0	194	0	0	93
4/9/2023 6:27	29.1	0	0	194	0	0	93
4/9/2023 6:12	29.5	0	0	194	0	0	93
4/9/2023 5:57	29.7	0	0	194	0	0	93
4/9/2023 5:42	29.8	0	0	194	0	0	92
4/9/2023 5:27	29.8	0	0	194	0	0	92
4/9/2023 5:12	30.4	0	0	194	0	0	91
4/9/2023 4:57	31.3	0	0	194	0	0	90
4/9/2023 4:42	31.1	0	0	194	0	0	90
4/9/2023 4:27	31.5	0	0	194	0	0	90
4/9/2023 4:12	32	0	0	194	0	0	91
4/9/2023 3:57	32	0	0	194	0	0	90
4/9/2023 3:42	32.2	0	0	194	0	0	90
4/9/2023 3:27	32.7	0	0	194	0	0	89
4/9/2023 3:12	33.3	0	0	194	0	0	88
4/9/2023 2:57	33.6	0	2	194	0	0	86
4/9/2023 2:42	33.8	0	0	194	0	0	84
4/9/2023 2:27	34.2	0	0	194	0	0	83
4/9/2023 2:12	34.7	0	0	194	0	0	82
4/9/2023 1:57	36.1	0	0	194	0	0	80
4/9/2023 1:42	37.6	0	0	194	0	0	77
4/9/2023 1:27	37.9	0	0	194	0	0	75
4/9/2023 1:12	38.5	0	1.8	194	0	0	74
4/9/2023 0:57	39	0.9	5.6	195	0	0	73
4/9/2023 0:42	39	2.5	6.7	183	0	0	72
4/9/2023 0:27	39.4	3.4	7.2	162	0	0	71
4/9/2023 0:12	39.7	3.6	8.7	171	0	0	70

Attachment 3
Vehicle Geotracking



Distance **0.62** mi
Time **08:51**
Current Elevation **541** ft
Average Speed **4.2** mph

Resume **Finish**

10:12
Save Activity
Apr 12, 2023, 10:02–10:11 AM
Wednesday Morning Walk / Hike

Walk / Hike

Distance **0.62** mi
Total Duration **08:51**
Moving Time **08:51**
Avg. Speed **4.2** mph

Notes
Water Truck initial run

4977/5000

Elevation

540 ft
0 yd
543 yd
531 ft
541 ft
1087 yd

Save

10:12
Save Activity
4.2 mph

Notes
Water Truck initial run

Elevation

540 ft
0 yd
543 yd
531 ft
541 ft
1087 yd

Elevation data will become more accurate after saving

Discard Activity

Save

Water Truck – Trip #1



Apr 12, 2023, 10:02–10:11 AM

Wednesday Morning Walk / Hike

Distance	Total Duration	Moving Time
1087 yd	08:51	08:51
Avg. Speed	Total Ascent >	
4.2 mph	30 ft	

Apr 12, 2023, 10:41–10:47 AM

Wednesday Morning Walk / Hike

Distance	Total Duration	Moving Time
303 yd	05:10	05:10
Avg. Speed	Total Ascent >	
2.0 mph	14 ft	

10:48

Apr 12, 2023, 10:41–10:47 AM

Wednesday Morning Walk / Hike

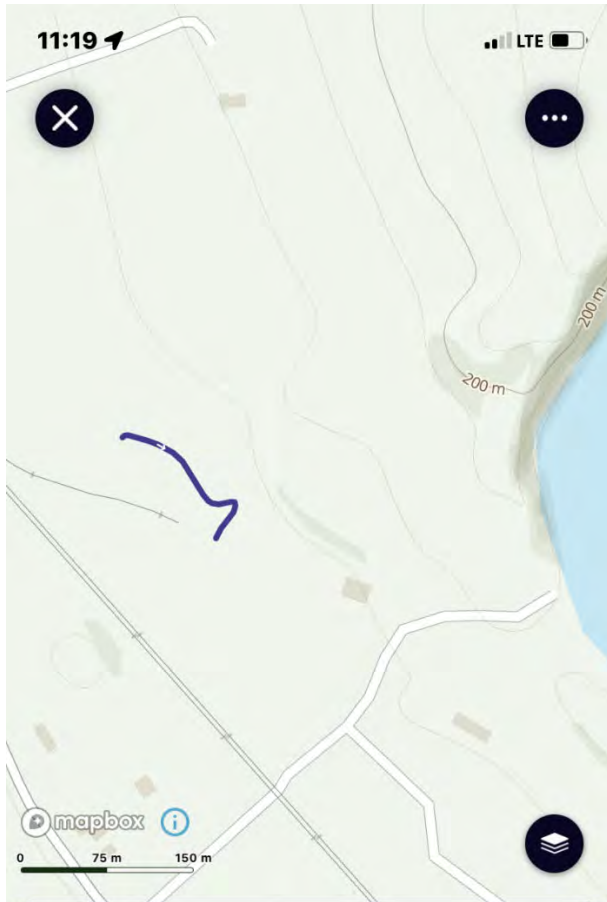
Distance	Total Duration	Moving Time
303 yd	05:10	05:10
Avg. Speed	Total Ascent >	
2.0 mph	14 ft	

Notes

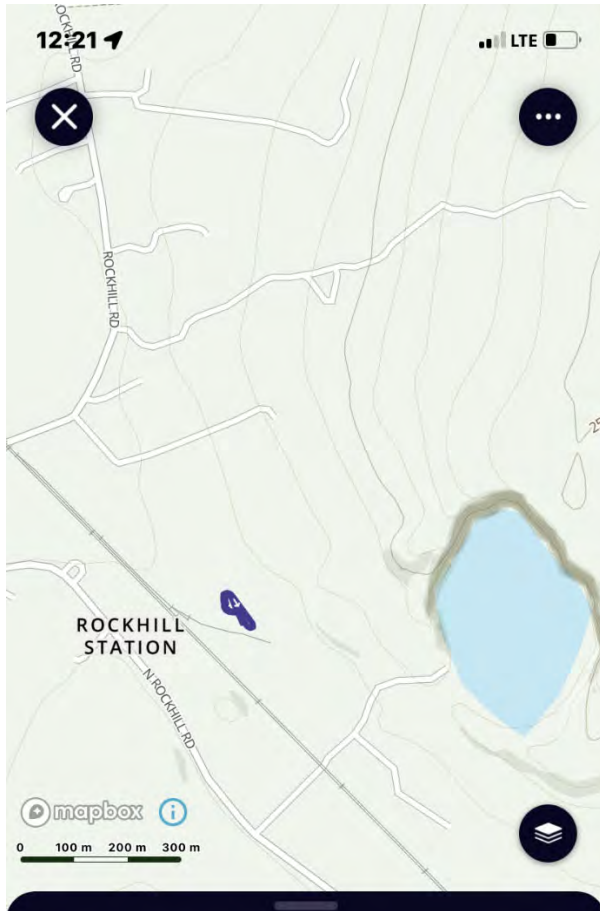
Wetting 2B pile

Elevation

Water Truck – Trips #2 & #3



Water Truck – Trip #4



12:21 LTE

Apr 12, 2023, 11:38 AM–12:20 PM

Wednesday Morning Walk / Hike

Distance: 426 yd Total Duration: 42:31 Moving Time: 08:58

Avg. Speed: 2.2 mph Total Ascent: 22 ft

Notes

Multiple 2B pile passes with water truck. Last of which at 12:15pm

Elevation

Distance (yd)	Elevation (ft)
0	541
~10	535
~20	541
~30	535
~100	535
~110	541
~120	535
~230	535
~240	541
~250	535
~461	535

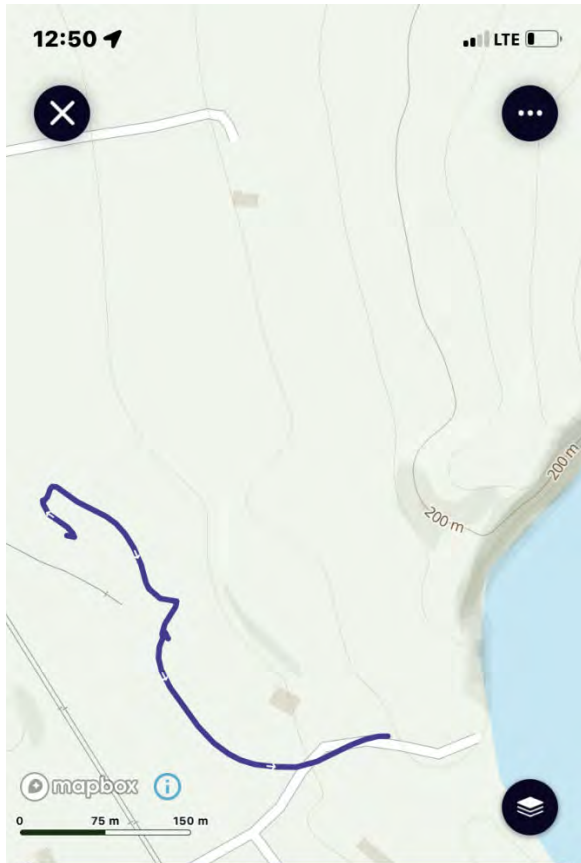
Apr 12, 2023, 11:38 AM–12:20 PM

Wednesday Morning Walk / Hike

Distance: 426 yd Total Duration: 42:31 Moving Time: 08:58

Avg. Speed: 2.2 mph Total Ascent: 22 ft


Water Truck – Trip #5




Apr 12, 2023, 12:43–12:49 PM

Wednesday Afternoon Walk / Hike 

Distance	Total Duration	Moving Time
602 yd	05:49	05:49
Avg. Speed	Total Ascent >	
3.6 mph	55 ft	

12:50 

Apr 12, 2023, 12:43–12:49 PM

Wednesday Afternoon Walk / Hike 

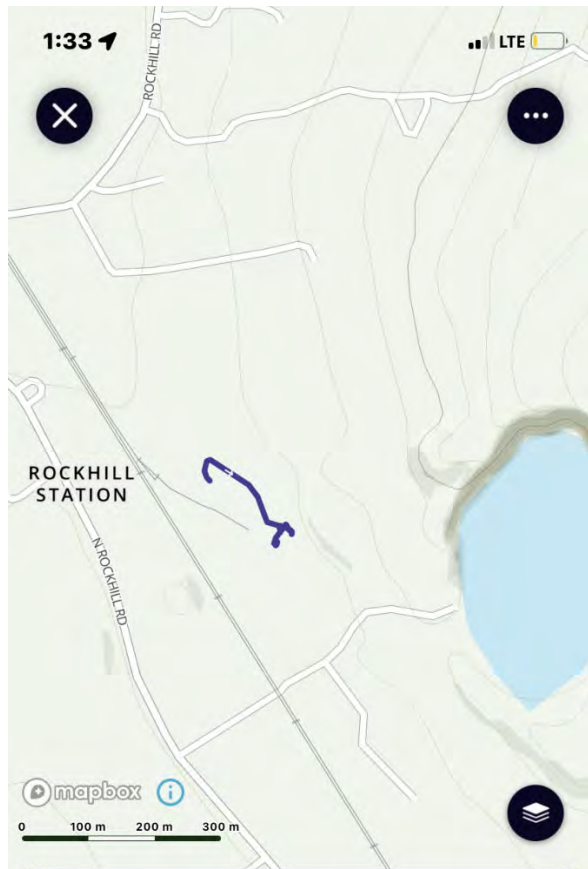
Distance	Total Duration	Moving Time
602 yd	05:49	05:49
Avg. Speed	Total Ascent >	
3.6 mph	55 ft	

Notes

Water truck trip wetting pile and road. Mobilized for refill.

Elevation

Water Truck – Trip #6



1:33

Apr 12, 2023, 1:08–1:32 PM

Wednesday Afternoon Walk / Hike

Distance	Total Duration	Moving Time
453 yd	23:59	23:59
Avg. Speed	Total Ascent >	
0.7 mph	23 ft	

Notes

Water spray pile and road.

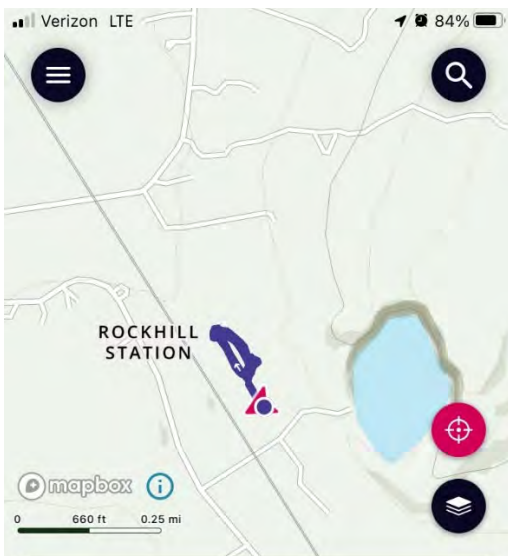


Apr 12, 2023, 1:08–1:32 PM

Wednesday Afternoon Walk / Hike

Distance	Total Duration	Moving Time
453 yd	23:59	23:59
Avg. Speed	Total Ascent >	
0.7 mph	23 ft	

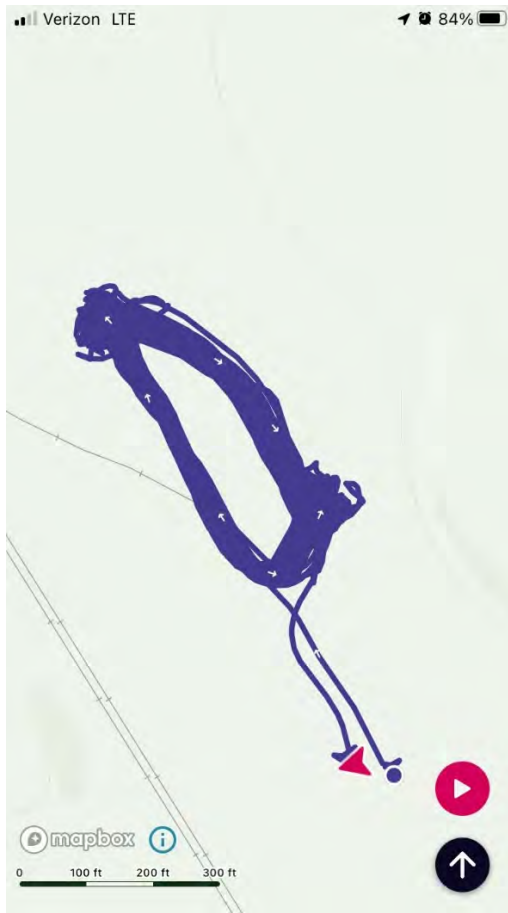
Water Truck – Trip #7



Distance **15.77** mi Time **03:38:48**

Current Elevation **548** ft Average Speed **4.4** mph

[▶ Resume](#) [🏁 Finish](#)



Save Activity

Apr 12, 2023, 10:02 AM–1:41 PM

Wednesday Morning Walk / Hike

Walk / Hike

Distance	Total Duration	Moving Time
15.77 mi	03:38:48	03:38:48

Avg. Speed

4.4 mph

Add Notes

Elevation

539 ft

Save



Rubber Tire Loader Tracking Info



View of wetted crushed stone piles and Rubber Tire Loader travel way

Attachment 4
CMI Memorandum Re:
Apr. 12, 2023 Sampling Event



1350 Welsh Road, Suite 200
North Wales, PA 19454
Phone: 800.701.9369
www.complianceplace.com

May 8, 2023

Mr. Andrew Gutshall
Area Environmental Manager
Heidelberg Materials Northeast LLC
7660 Imperial Way
Allentown, PA 18195

RE: Rock Hill Quarry
April 12, 2023, Limited Activity Event Air Sampling
Summary Review

Dear Andrew:

CMI conducted a perimeter asbestos air sampling event on April 12, 2023, at the Rock Hill Quarry. The sampling event monitored the limited activity event No. 3. CMI arrived on site at 6:00 AM to begin placing the samplers at each monitoring location.

There were two samplers set up at each monitoring location. One was set to monitor the air at 2 liters per minute, and the other to sample the air at 4 liters per minute. Each sampler used an electric rotary vane pump calibrated to the needed flow rate. Since the pumps were electric, gasoline generators were placed at each monitor location to power the rotary vane pumps.

The 2 liters minute samplers were turned on after the setup of each monitoring location. The 4 liters per minute samplers were turned on just before the start of the limited activity. The 2 liters per minute monitors sampled for the entire day, consistent with previous monitoring events. The 4 liters per minute monitors were operated during the limited activity. Each monitor's flow rate was set to capture approximately 1,000 liters of air to ensure compliance with the 0.001 fibers per cubic centimeters detection limit.

The monitoring at each location went as planned except, at approximately 11:40 AM, it was noted that the 2 liters per minute pump at monitoring location 5 (M5) shut off. Greg Matty, CMI, noted that the pump shut off during routine monitoring location checks. After several unsuccessful attempts to start the pump, it was

decided to move the 2 liters per minute pump from monitor location 8 (M8) to M5 due to the general wind direction. M8 was upwind, as shown by the wind rose diagram. The wind rose shows the average wind speed and direction during the monitoring event. The diagram shows the wind direction that the wind was blowing. Thus, the wind was coming from the northwest and the northeast during the monitoring event and activity. Since M8 was an upwind monitor, it would not have captured any naturally occurring asbestos and/or elongated mineral particles from the quarry or limited activity. The 4 liters per minute pumps at each monitoring location ran to completion during the limited activity.

Sincerely,



Kristian Witt
Vice President, Environmental Services

