



FLG 042211 - AMB - PDF
MOR 042211 - AMB - PDF
BRA 042211 - AMB - PDF
Ambient Environmental, Inc.
BAR 042211 - AMB - PDF

12 Colvin Avenue
Albany, NY 12206

PH: 518-482-0704
FX: 518-482-0750

April 22, 2011

Mr. Larry Leashomb
SUNY Potsdam
44 Pierrepont Ave.
Potsdam, New York 13676

Re: Asbestos Bulk Sampling
Flagg Hall, Morey Hall, Brainerd Hall, Barrington Hall
Ambient Project No.: 110310AA

Dear Mr. Leashomb:

Attached please find the laboratory analysis results of the asbestos bulk sampling from SUNY Potsdam. These samples were taken on April 13, 2011 by Mr. Eric Rath. These results were provided to you on April 22, 2011.

Please do not hesitate to call me at (518) 482-0704 if you have any questions or need further assistance in this matter.

Sincerely,

Ambient Environmental, Inc.

Joella Viscusi
President

Enclosure



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Client: Ambient Environmental
12 Colvin Avenue
Albany NY 12206

Client Project Number: 110325AB

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY

Laboratory Job Number: 610-223

Sampling Area: Flagg Hall/Second Floor Office Area

Collection Date: 4/13/2011

Sampled By: Eric Rath

Date Received: 4/15/2011

Lab Sample #	Customer Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
3012	01-01	Homogeneous	Grey	97%				NAD
Sampled Material: Sheetrock					Non-Asbestos Fibers		%	Asbestos Types:
Sample Location: North Wall Office Area					3% Cellulose			No Asbestos Detected
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1					Trace Fiber Glass			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day					Analyzed Date: 4/17/2011			
3013	01-02	Homogeneous	Grey	97%				NAD
Sampled Material: Sheetrock					Non-Asbestos Fibers		%	Asbestos Types:
Sample Location: North Wall Office Area					3% Cellulose			No Asbestos Detected
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1					Trace Fiber Glass			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day					Analyzed Date: 4/17/2011			
3014	01-03	Homogeneous	Grey	97%				NAD
Sampled Material: Sheetrock					Non-Asbestos Fibers		%	Asbestos Types:
Sample Location: North Wall Office Area					3% Cellulose			No Asbestos Detected
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1					Trace Fiber Glass			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day					Analyzed Date: 4/17/2011			
3015	02-01	Homogeneous	White	100%				NAD
Sampled Material: Joint Compound					Non-Asbestos Fibers		%	Asbestos Types:
Sample Location: North Wall Office Area					None Detected			No Asbestos Detected
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1								
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day					Analyzed Date: 4/17/2011			

Definitions of Abbreviations: NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed

Disclaimer: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. No Asbestos Detected or Trace results by PLM are considered inconclusive, TEM is currently the only method that can be used to determine if materials can be considered as non asbestos containing in NY State. This report cannot be reproduced except in full without the approval of Response Labs, LLC. This PLM report relates ONLY to the items tested. Liability is limited to the cost of analysis. ELAP PLM Method 198.1 for friable samples or 198.6 for NOB Samples.

Comments:

Laboratory Director,

Justin Adams



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY
Sampling Area: Flagg Hall/Second Floor Office Area
Sampled By: Eric Rath

Laboratory Job Number: 610-223

Collection Date 4/13/2011
Date Received 4/15/2011

Lab	Customer				Gravimetric Test			Total % of
Sample #	Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	% of Organics	% of Acid Soluble Inorganics	% of Residue	Asbestos
3016	02-02	Homogeneous	White	100%				NAD
Sampled Material: Joint Compound					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: North Wall Office Area					None Detected		No Asbestos Detected	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1					Analyzed Date: 4/17/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3017	02-03	Homogeneous	White	100%				NAD
Sampled Material: Joint Compound					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: North Wall Office Area					None Detected		No Asbestos Detected	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.1					Analyzed Date: 4/17/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3018	03-01	Homogeneous	Orange	33.1%	31.5	35.3	33.1	Inc.
Sampled Material: Covebase Glue					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 3/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3019	03-02	Homogeneous	Orange	37.6%	34.4	28.0	37.6	Inc.
Sampled Material: Covebase Glue					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3020	04-01	Homogeneous	Mixed	31.3%	49.8	18.9	31.3	Inc.
Sampled Material: Tile Mastic					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								

Definitions of Abbreviations: NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed

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Comments:

Laboratory Director,

Justin Adams



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY

Laboratory Job Number: 610-223

Sampling Area: Flagg Hall/Second Floor Office Area
Sampled By: Eric Rath

Collection Date 4/13/2011
Date Received 4/15/2011

Lab Sample #	Customer Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	Gravimetric Test			Total % of Asbestos
					% of Organics	% of Acid Soluble Inorganics	% of Residue	
3021	04-02	Homogeneous	Mixed	11.1%	59.3	29.6	11.1	Inc.
Sampled Material: Tile Mastic					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker		Method: NYS ELAP 198.6						
Microscope: Olympus BH-2-214		Turn Around Time: 5 Day			Analyzed Date: 4/18/2011			
3022	05-01	Homogeneous	Grey	5.4%	24.0	69.0	7.0	1.6%
Sampled Material: Grey 9x9 Floor Tile					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area					None Detected	1.6%	Chrysotile	
Analyzed By: Adam C. Tucker		Method: NYS ELAP 198.6						
Microscope: Olympus BH-2-214		Turn Around Time: 5 Day			Analyzed Date: 4/18/2011			
3023	05-02	Homogeneous	Grey		25.8	63.5	10.7	NA/PS
Sampled Material: Grey 9x9 Floor Tile					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Office Area							Not Analyzed Positive Stop	
Analyzed By:		Method: Prep (Not Analyzed)						
Microscope:		Turn Around Time: Prep			Analyzed Date:			

Definitions of Abbreviations: NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed

Disclaimer: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. No Asbestos Detected or Trace results by PLM are considered inconclusive, TEM is currently the only method that can be used to determine if materials can be considered as non asbestos containing in NY State. This report cannot be reproduced except in full without the approval of Response Labs, LLC. This PLM report relates ONLY to the items tested. Liability is limited to the cost of analysis. ELAP PLM Method 198.1 for friable samples or 198.6 for NOB Samples.

Comments:

Laboratory Director,

Justin Adams



AMBIENT ENVIRONMENTAL, INC.

12 Colvin Avenue
Albany, NY 12206
PH: 518-482-0704
FX: 518-482-0750

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: SUNY Potsdam	2. Project Name: Flags Hall	2a. Project Street Address: At. St., Potsdam	2b. Client Contact: Larry Leashenb
3. Project Number: 110325 AB	4. Inspector: Eve K. Rath	City, State, Zip Code Potsdam, N.Y.	5. Collection Date: 4.13.11
6. Sample TAT: ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 Day	7. Building Name: Flags Hall	8. Sampling Areas: 2nd Fl. Office area.	9. Comments: (Field) ☒ Analyze to First Positive By Homogeneous Material ☐ For Negative NOB PLM's, continue to TEM

BULK SAMPLE LOCATION

TYPE OF MATERIALS

10. Homogeneous Area Number	11. Bulk Sample ID Number	12. Sampled Material	13. Type of Material			14. Sample Location	15. Friability (N/F)	16. Condition (G, D, SD)	17. Quantity (LF, SF, EA)	18. Asbestos Content (Type & %)
			Surf	TSI	MISC	Sample Coordinates				
01 3012	01	Sheet rock	✓			North wall	Office area	F	G	Approx 800'sf
01 3013	02	Sheet rock	✓			North wall	Office area	F	G	800'sf
01 3014	03	Sheet rock	✓			North wall	Office area	F	G	800'sf
02 3015	01	Joint Compound	✓			North wall	Office area	F	G	Approx 800'sf
02 3016	02	Joint Compound	✓			North wall	Office area	F	G	800'sf
02 3017	03	Joint Compound	✓			North wall	Office area	F	G	800'sf
03 3018	01	Coat Base Glue	✓			Office area		N/F	SD	Approx 110'sf
03 3019	02	Coat Base Glue	✓			Office area		N/F	SD	Approx 110'sf
04 3020	01	Tile Mastic	✓			Office area		N/F	G	Approx 960'sf
04 3021	02	Tile Mastic	✓			Office area		N/F	G	Approx 960'sf
05 3022	01	Gray 9"x9" Fl. Tile	✓			Office area		N/F	G	Approx 960'sf
05 3023	02	Gray 9"x9" Fl. Tile	✓			Office area		N/F	G	Approx 960'sf

CHAIN OF CUSTODY

19. Relinquished By:	20. Date	21. Time	22. Received By:	23. Date	24. Time
Eve K. Rath	4.13.11		William C. Tucke	4/15/11	1520
II					
III					

LAB INFORMATION

25. Lab Name	26. Date	27. Time
Wayne Lab	11/9/17	
a. Analyzed By:		
b. QC by:		
c. Lab Batch #:	610-223	

28. Ambient Project Manager:	29. Results To:	30. Drawings:
J. Viscusi	Office	☐ Sample Locations ☐ Material Locations
Phone # s:		
Fax:		

31. Comments:

AmeriSci Job #: 211043618

Client Name: Response Labs, LLC

Table 1

Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4 NOB Method
 110325AB; SUNY Potsdam; Flagg Hall; Rt. 56, Potsdam; Potsdam, NY; Flagg Hall; 2nd Fl. Office Area

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by TEM
01	03-01						NAD
Location:	Cove Base Glue / Office Area - 33.1%						
02	03-02						NAD
Location:	Cove Base Glue / Office Area - 37.6%						
03	04-01						NAD
Location:	Tile Mastic / Office Area - 31.3%						
04	04-02						NAD
Location:	Tile Mastic / Office Area - 11.1%						

Analyzed by: Aleksandr Barenzols

Date Analyzed 4/22/2011

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis (PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or ELAP 198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 2005-46-0, NYSDOH ELAP LAB ID 11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

Response Labs, LLC
12 Colvin Avenue
Albany, NY 12206

NYS ELAP 198.4
30 Day TAT

Page 1 of 1

**BULK SAMPLE DATA AND
CHAIN OF CUSTODY FORM**

211043618

PROJECT INFORMATION

1. Client: SUNY Potsdam	2. Project Name: Flagg Hall	2a. Project Street Address: 44 St. Potsdam	2b. Client Contact: Larry Leashband
3. Project Number: 110325 AB	4. Inspector: Eric K. Rath	City, State, Zip Code: Potsdam, N.Y.	5. Collection Date: 4.13.11
6. Building Name: Flagg Hall	7. Building Name: Flagg Hall	8. Comments: (Field) ☒ Analyze to First Positive By Homogeneous Material ☐ For Negative NOB PLM's, continue to TEM	

TYPE OF MATERIALS

10. Homogeneous Area Number	11. Bulk Sample Number	12. Sampled Material	13. Type of Material			14. Sample Location	15. Feasibility (N/F)	16. Condition (G, D, SD)	17. Quantity (LF, SF, EA)	18. Asbestos Content (Type & %)
			Surf	TSI	MISC					
01 3012	01	Sheet rock	/			North wall office area	F	G	Approx. 800 SF	
01 3013	02	Sheet rock	/			North wall office area	F	G		
01 3014	03	Sheet rock	/			North wall office area	F	G		
02 3015	01	Joint Compound	/			North wall office area	F	G	Approx. 800 SF	
02 3016	02	Joint Compound	/			North wall office area	F	G		
02 3017	03	Joint Compound	/			North wall office area	F	G		
03 3018	01	Cove Base Glue	/			Office area	N/F	SD	Approx. 1100 LF	
03 3019	02	Cove Base Glue	/			Office area	N/F	SD		
04 3020	01	Tile Mastix	/			Office area	N/F	G	Approx. 900 SF	
04 3021	02	Tile Mastix	/			Office area	N/F	G		
05 3022	01	Gray 9"x9" Fl. Tile	/			Office area	N/F	G	Approx. 900 SF	
05 3023	02	Gray 9"x9" Fl. Tile	/			Office area	N/F	G		

CHAIN OF CUSTODY

19. Relinquished By:	20. Date	21. Time	22. Received By:	23. Date	24. Time
Eric K. Rath	4/13/11		William C. Tucker	4/15/11	1520
William C. Tucker	4/19/11	1600	JR	4/19	105

LAB INFORMATION

a. Analyzed By: William C. Tucker	b. QC by: William C. Tucker	c. Lab Batch #: 610-223
---	---------------------------------------	-----------------------------------

28. Ambient Project Manager:

J. Viscusi

29. Remarks To:

Office

Phone #:

Fax:

30. Drawings:

Sample Locations

31. Comments:

Material Locations



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Client: Ambient Environmental
12 Colvin Avenue
Albany NY 12206

Client Project Number: 110325AB

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY

Laboratory Job Number: 610-222

Sampling Area: Morey Hall/South Entrance

Collection Date 4/13/2011

Sampled By: Eric Rath

Date Received 4/15/2011

Lab	Customer				Gravimetric Test			
Sample #	Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	% of Organics	% of Acid Soluble Inorganics	% of Residue	Total % of Asbestos
3010	01-01	Homogeneous	Orange	22.9%	72.9	4.3	22.9	Inc.

Sampled Material: Covebase Glue

Non-Asbestos Fibers None Detected
% Asbestos Types: No Asbestos Detected
Client Requested TEM

Sample Location: South Entrance

Analyzed By: Adam C. Tucker **Method:** NYS ELAP 198.6

Microscope: Olympus BH-2-214 **Turn Around Time:** 5 Day

Analyzed Date: 4/18/2011

3011	01-02	Homogeneous	Orange	24.4%	72.2	3.4	24.4	Inc.
------	-------	-------------	--------	-------	------	-----	------	------

Sampled Material: Covebase Glue

Non-Asbestos Fibers None Detected
% Asbestos Types: No Asbestos Detected
Client Requested TEM

Sample Location: South Entrance

Analyzed By: Adam C. Tucker **Method:** NYS ELAP 198.6

Microscope: Olympus BH-2-214 **Turn Around Time:** 5 Day

Analyzed Date: 4/18/2011

Definitions of Abbreviations: **NOB:** Non-Organically Bound, **Trace:** Asbestos Detected at 1% or Less, **TEM:** Transmission Electron Microscope, **Inc.:** Inconclusive, **NAD:** No Asbestos Detected, **NA/PS:** Not Analyzed Positive Stop, **NA:** Not Analyzed

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Comments:

Laboratory Director,

Justin Adams

100

Table I

Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4 NOB Method
 110325AB; SUNY Potsdam; Morey Hall; Rt. 56, Potsdam; Morey Hall; South Entrance

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos % by TEM
01	01-01						NAD
Location:	Cove Base Glue / South Entrance - 22.9%						
02	01-02						NAD
Location:	Cove Base Glue / South Entrance - 24.4%						

Analyzed by: Aleksandr Barengolts

Date Analyzed 4/22/2011

*Quantitative Analysis (Semi-Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi-Full) by EPA 600/R-93/116 (not covered by NYLAP Bulk accreditation); or ELAP 198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of 40.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP LAB ID 11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Client: Ambient Environmental
12 Colvin Avenue
Albany NY 12206

Client Project Number: 110325AB

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY

Laboratory Job Number: 610-220

Sampling Area: Brainer Hall/Exterior Door

Collection Date 4/13/2011

Sampled By: Eric Rath

Date Received 4/15/2011

Lab	Customer				Gravimetric Test			Total % of Asbestos
Sample #	Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	% of Organics	% of Acid Soluble Inorganics	% of Residue	
3002	01-01	Homogeneous	Black	18.2%	72.9	8.9	18.2	Inc.
Sampled Material: Glazing					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3003	01-02	Homogeneous	Black	19.4%	72.3	8.3	19.4	Inc.
Sampled Material: Glazing					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3004	02-01	Homogeneous	Brown	5.9%	30.5	63.6	5.9	Inc.
Sampled Material: Caulk					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								
3005	02-02	Homogeneous	Brown	3.2%	36.9	59.8	3.2	Inc.
Sampled Material: Caulk					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker Method: NYS ELAP 198.6					Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214 Turn Around Time: 5 Day								

Definitions of Abbreviations: NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed

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Comments:

Laboratory Director,

Justin Adams

31: Comments:

AmeriSci Job #: 211043615
Client Name: Response Labs, LLC

Table I

Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4 NOB Method
110325AB; SUNY Potsdam; Brainer Hall; Rt. 56; Potsdam, New York; Brainer Hall; Exterior Door

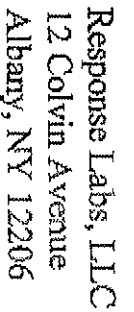
AmeriSci Sample #	Client Sample#	HQ Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by TEM
01	01-01						NAD
Location:	Glazing / Exterior Door - 18.2%						
02	01-02						NAD
Location:	Glazing / Exterior Door - 19.4%						
03	02-01						NAD
Location:	Exterior Door - 5.9%						
04	02-02						NAD
Location:	Exterior Door - 3.2%						

Analyzed by: Aleksandr Barenegoltz; Date Analyzed 4/22/2011

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis by PLM by EPA 600/4-92-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NYLAP Bulk accreditation); or ELAP 198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of 0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-Q, NYSDOH ELAP LAB ID 11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



2104691

BULK SAMPLE DATA AND
CHAIN OF CUSTODY FORM

Page 1

2b. Client Contact:

5. Collection Date:

41311

3. Comparisons: (Field)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

TYPE OF MATERIALS

[illegible]

LAB INFORMATION

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible]

Figure 1. A schematic diagram of the experimental setup. The subject is seated in a chair, viewing a screen displaying a target. The target is a vertical line, and the subject is required to move a cursor to the target. The cursor is a small circle on the screen. The subject's hand is positioned at the starting point, and the cursor is moved to the target. The distance between the starting point and the target is the reach distance. The subject's hand is positioned at the starting point, and the cursor is moved to the target. The distance between the starting point and the target is the reach distance.



Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624
NYS DOH ELAP # 11917

PLM Bulk Asbestos Report

Client: Ambient Environmental
12 Colvin Avenue
Albany NY 12206

Client Project Number: 110325AB

Project Name: SUNY Potsdam
44 Pierreport Ave., Potsdam, NY

Laboratory Job Number: 610 221

Sampling Area: Barrington Hall/Exterior Door

Collection Date 4/13/2011

Sampled By: Eric Rath

Date Received 4/15/2011

Lab	Customer				Gravimetric Test			Total % of
Sample #	Sample #	Homogeneous	Color	% Non-Fibrous Matrix Material	% of Organics	% of Acid Soluble Inorganics	% of Residue	Asbestos
3006	01-01	Homogeneous	Black	5.3%	49.3	45.5	5.3	Inc.
Sampled Material: Glazing					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected		No Asbestos Detected Client Requested TEM	
Analyzed By: Adam C. Tucker		Method: NYS ELAP 198.6			Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214		Turn Around Time: 5 Day						
3007	01-02	Homogeneous	Black	4.9%	49.0	45.7	5.3	0.41%
Sampled Material: Glazing					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected	0.41%	Chrysotile Client Requested TEM	
Analyzed By: Adam C. Tucker		Method: NYS ELAP 198.6			Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214		Turn Around Time: 5 Day						
3008	02-01	Homogeneous	Black	15.3%	45.9	36.8	17.3	2.0%
Sampled Material: Caulk					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door					None Detected	1.6% 0.4%	Tremolite Chrysotile	
Analyzed By: Adam C. Tucker		Method: NYS ELAP 198.6			Analyzed Date: 4/18/2011			
Microscope: Olympus BH-2-214		Turn Around Time: 5 Day						
3009	02-02	Homogeneous	Black		49.0	35.6	15.4	NA/PS
Sampled Material: Caulk					Non-Asbestos Fibers	%	Asbestos Types:	
Sample Location: Exterior Door							Not Analyzed Positive Stop	
Analyzed By:		Method: Prep (Not Analyzed)			Analyzed Date:			
Microscope:		Turn Around Time: Prep						

Definitions of Abbreviations: NOB: Non-Organically Bound, Trace: Asbestos Detected at 1% or Less, TEM: Transmission Electron Microscope, Inc.: Inconclusive, NAD: No Asbestos Detected, NA/PS: Not Analyzed Positive Stop, NA: Not Analyzed

Disclaimer: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. No Asbestos Detected or Trace results by PLM are considered inconclusive. TEM is currently the only method that can be used to determine if materials can be considered as non asbestos containing in NY State. This report cannot be reproduced except in full without the approval of Response Labs, LLC. This PLM report relates ONLY to the items tested. Liability is limited to the cost of analysis. ELAP PLM Method 198.1 for friable samples or 198.6 for NOB Samples.

Comments:

Laboratory Director,

Justin Adams

12 Colvin Avenue
Albany, NY 12206

PH: 518-482-0704

Fax: 518-482-0750

PROJECT INFORMATION

BULK SAMPLE LOCATION

TYPE OF MATERIALS

[illegible]

CHAIN OF CUSTODY

19. Relinquished By:	20. Date	21. Time	22. Received By:	23. Date	24. Time
I. <i>Eric K. Kraft</i>	4/13/11		<i>William T. J. J. J.</i>	4/15/11	1513
II.					
III.					

LAB INFORMATION

25. Lab Name	Weyburne Lab	26. Date	11/9/17	27. Time	
a. Analyzed By:					
b. QC by:					
c. Lab Batch #:	610-221				

28. Ambient Project Manager: <i>J. Wiscosi</i>	29. Results To: <u>Office</u> Phone #s: _____ Fax: _____	30. Drawings: ☐ Sample Locations ☐ Material Locations
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31: Comments:
Extra Sample Submitted, not accepted

AmeriSci Job #: 211043616
Client Name: Response Labs, LLC

Table 1
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4 NOB Method
110325AB; SUNY Potsdam; Barrington Hall; Rt. 56, Potsdam; Barrington Hall; Exterior Door

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by TEM
01	01-01						Chrysotile Trace
Location:	Glazing / Exterior Door - 5.3%						
02	01-02						Chrysotile Trace
Location:	Glazing / Exterior Door - 5.3%						

Analyzed by: Aleksandr Barengolts Date Analyzed 4/22/2011

** Quantitative Analysis (Semi-Full); Bulk Asbestos Analysis PLM by EPA 600/4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi-Full) by EPA 600/R-93/115 (not covered by NVLAP Bulk accreditation); or ELAP 198.4 for New York samples; NAD = no asbestos detected during a qualitative analysis; NA = not analyzed; Trace = <1%. Quantification for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYS DOH ELAP LAB ID 11480.

Warning: Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

Response Labs, LLC
12 Colvin Avenue
Albany, NY 12206

WYS ELAP 198.4
3Day TAT
211043616

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CHAIN OF CUSTODY FORM**

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