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AmeriSci New York

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NEW YORK, NY 10016
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FACSIMILE TELECOPY TRANSMISSION

To: Joella Viscusi Ambient Environmental, Inc.	From: Aleksandr Barengolts
Fax #: (518) 482-0750	AmeriSci Job #: 214053659
Email: joellav@ambient-env.com, results@ambient-env.com	Subject: ELAP-PLM/TEM 48 hour Results
	Client Project: 140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY, Barrington Student Un

Date: Monday, May 19, 2014

Time: 18:04:52

Comments:

Number of Pages:

9
(including cover sheet)

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**AmeriSci New York**117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Ambient Environmental, Inc.

Attn: Joella Viscusi

12 Colvin Avenue

Albany, NY 12206

Date Received 05/17/14**Date Examined** 05/19/14**ELAP #** 11480**RE:** 140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam,
NY, Barrington Student Union, Rooms 127, 126, And 130A**AmeriSci Job #** 214053659**P.O. #****Page** 1 **of** 4

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
051401-01 1	214053659-01 Location: Rm. 127, Northeast - 1 x 1 Gray Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 7 %			
051401-02 1	214053659-02 Location: Rm. 127, Northwest - 1 x 1 Gray Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.8 %			
051402-03 2	214053659-03 Location: Rm. 127, Northeast - Debris	No	NAD ¹ (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
051402-04 2	214053659-04 Location: Rm. 127, Northeast - Debris	No	NAD ¹ (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
051403-05 3	214053659-05 Location: Rm. 127, Northwest - Mudded Fitting	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 60 %, Non-fibrous 40 %			

Client Name: Ambient Environmental, Inc.

PLM Bulk Asbestos Report140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY,
Barrington Student Union, Rooms 127, 126, And 130A

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
051403-06 3 Location: Rm. 127, Northwest - Mudded Fitting	214053659-06	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 65 %, Non-fibrous 35 %			
051403-07 3 Location: Rm. 127, Northwest - Mudded Fitting	214053659-07	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 55 %, Non-fibrous 45 %			
051404-08 4 Location: Rm. 130A, Center - Duct Insulation	214053659-08	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Yellow/Tan/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 30 %, Fibrous glass 35 %, Non-fibrous 35 %			
051404-09 4 Location: Rm. 130A, Center - Duct Insulation	214053659-09	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Yellow/Tan/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 30 %, Fibrous glass 30 %, Non-fibrous 40 %			
051404-10 4 Location: Rm. 130A, Center - Duct Insulation	214053659-10	No	NAD (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: Yellow/Tan/Silver, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 35 %, Fibrous glass 15 %, Non-fibrous 50 %			
051405-11 5 Location: Rm. 130A, At Door - 12 x 12 Dark Gray Floor Tile	214053659-11	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Dark Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 24.4 %			

Client Name: Ambient Environmental, Inc.

PLM Bulk Asbestos Report140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY,
Barrington Student Union, Rooms 127, 126, And 130A

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
051405-12 5	214053659-12 Location: Rm. 130A, Center - 12 x 12 Dark Gray Floor Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Dark Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20.7 %			
051406-13 6	214053659-13 Location: Rm. 130A, At Door - 12 x 12 Yellow Floor Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20.4 %			
051406-14 6	214053659-14 Location: Rm. 130A, South End - 12 x 12 Yellow Floor Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 24.9 %			
051407-15 7	214053659-15 Location: Rm. 130A, North Side - 12 x 12 Black Floor Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 19.8 %			
051407-16 7	214053659-16 Location: Rm. 130A, North Side - 12 x 12 Black Floor Tile	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 19 %			
051408-17 8	214053659-17 Location: Rm. 130A, North Side - Black Floor Tile Mastic	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.8 %			

Client Name: Ambient Environmental, Inc.

PLM Bulk Asbestos Report140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY,
Barrington Student Union, Rooms 127, 126, And 130A

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
051408-18 8	214053659-18 Location: Rm. 130A, North Side - Black Floor Tile Mastic	No	NAD (by NYS ELAP 198.6) by Ella Babayeva on 05/19/14
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.9 %			
051409-19 9	214053659-19 Location: Rm. 126, Door To Rm. 126A - Fire Door Insulation	Yes	33.3 % (by NYS ELAP 198.1) by Ella Babayeva on 05/19/14
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 33.3 % Other Material: Non-fibrous 66.7 %			
051409-20 9	214053659-20 Location: Rm. 126, Door To Rm. 126A - Fire Door Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

Reporting Notes:

(1) Analysis Results For Soil, Dust, Or Debris May Be Highly Variable Because Of The Heterogeneous Nature Of These Samples

Analyzed by: Ella Babayeva *Ella Babayeva*
 *NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By: _____ END OF REPORT _____

Client Name: Ambient Environmental, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY, Barrington Student Union, Rooms 127, 126, And 130A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	051401-01	1	0.315	17.1	75.9	7.0	NAD	NAD
Location:	Rm. 127, Northeast - 1 x 1 Gray Ceiling Tile							
02	051401-02	1	0.262	18.7	72.5	8.8	NAD	NAD
Location:	Rm. 127, Northwest - 1 x 1 Gray Ceiling Tile							
03	051402-03	2	---	---	---	---	NAD	NA
Location:	Rm. 127, Northeast - Debris							
04	051402-04	2	---	---	---	---	NAD	NA
Location:	Rm. 127, Northeast - Debris							
05	051403-05	3	---	---	---	---	NAD	NA
Location:	Rm. 127, Northwest - Muddled Fitting							
06	051403-06	3	---	---	---	---	NAD	NA
Location:	Rm. 127, Northwest - Muddled Fitting							
07	051403-07	3	---	---	---	---	NAD	NA
Location:	Rm. 127, Northwest - Muddled Fitting							
08	051404-08	4	---	---	---	---	NAD	NA
Location:	Rm. 130A, Center - Duct Insulation							
09	051404-09	4	---	---	---	---	NAD	NA
Location:	Rm. 130A, Center - Duct Insulation							
10	051404-10	4	---	---	---	---	NAD	NA
Location:	Rm. 130A, Center - Duct Insulation							
11	051405-11	5	0.315	15.9	59.7	24.4	NAD	NAD
Location:	Rm. 130A, At Door - 12 x 12 Dark Gray Floor Tile							
12	051405-12	5	0.241	19.9	59.3	20.7	NAD	NAD
Location:	Rm. 130A, Center - 12 x 12 Dark Gray Floor Tile							
13	051406-13	6	0.191	18.3	61.3	20.4	NAD	NAD
Location:	Rm. 130A, At Door - 12 x 12 Yellow Floor Tile							
14	051406-14	6	0.313	16.6	58.5	24.9	NAD	NAD
Location:	Rm. 130A, South End - 12 x 12 Yellow Floor Tile							
15	051407-15	7	0.323	23.8	56.3	19.8	NAD	NAD
Location:	Rm. 130A, North Side - 12 x 12 Black Floor Tile							
16	051407-16	7	0.336	19.6	61.3	19.0	NAD	NAD
Location:	Rm. 130A, North Side - 12 x 12 Black Floor Tile							

See Reporting notes on last page

Client Name: Ambient Environmental, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

140517AA; SUNY Potsdam; 44 Pierrepont Ave., Potsdam, NY, Barrington Student Union, Rooms 127, 126, And 130A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	051408-17	8	0.218	90.4	7.8	1.8	NAD	NAD
Location: Rm. 130A, North Side - Black Floor Tile Mastic								
18	051408-18	8	0.102	78.4	16.7	4.9	NAD	NAD
Location: Rm. 130A, North Side - Black Floor Tile Mastic								
19	051409-19	9	---	---	---	---	Chrysotile 33.3	NA
Location: Rm. 126, Door To Rm. 126A - Fire Door Insulation								
20	051409-20	9	---	---	---	---	NA/PS	NA
Location: Rm. 126, Door To Rm. 126A - Fire Door Insulation								

Analyzed by: Aleksandr Barengolts

Date Analyzed 5/19/2014

**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 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: _____



Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 | FX: 518-482-0750

NYS/US Certified WBE
& SBA EDWOSB

214053659

BULK SAMPLE DATA AND
CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client: SUNY Potsdam	2. Project Name: Bulk Sampling - Various Bleckstein Percepsent Ave, Potsdam, NY	2a. Project Address: Bleekstein Percepsent Ave, Potsdam, NY	2b. Client Contact: Larry Leashomb
3. Project Number: 140517AA	3a. Task Number: David Foote	4. Inspector: David Foote	5. Collection Date: 5-15-14
6. Sample TAT: ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 Day ☐ Other	7. Building Name: Barrington Student Union	8. Sampling Areas: Rooms 127, 126, and 130A	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. Laboratory Sample Number	11. Homogeneous Area Number	12. Bulk Sample ID Number	13. Sampled Material	14. Type of Material			15. Sample Location	16. Friability (N/F)	17. Condition (G, D, SD)	18. Quantity (LF, SF, EA)	19. Asbestos Content (Type & %)
				Surf	TSI	MISC					
	051401	01	1x1 Cray Ceiling Tile			X	Rm 127, northeast				
	051401	02					Rm 127, northwest				
	051402	03	Debris				Rm 127, northeast				
	051402	04					Rm 127, northeast				
	051403	05	Muddled Fitting		X		Rm 127, northwest				
	051403	06					Rm 127, northwest				
	051403	07					Rm 127, northwest				
	051404	08	Duct Insulation				Rm 130A, center				
	051404	09					Rm 130A, center				
	051404	10					Rm 130A, center				
	051405	11	12x12 Dark Gray Floor Tile		X		Rm 130A, at door				
	051405	12					Rm 130A, center				
	051406	13	12x12 Yellow Floor Tile				Rm 130A, at door				
	051406	14					Rm 130A, south end				

CHAIN OF CUSTODY

20. Requisitioned By: David Foote	21. Date 5-16-14	22. Time	23. Received By: Karnel	24. Date 5-17-14	25. Time 12:47
21. Signature					
22. Signature					
23. Signature					

LAB INFORMATION

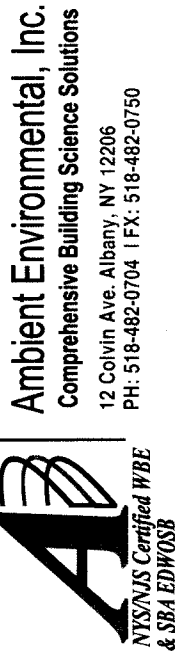
26. Lab Name	27. Date	28. Time
a. Analyzed By: LUA Pappas	5/19/14	15:25
b. QC by:		
c. Lab Batch #:		

29. Ambient Project Manager:
Joella Viscusi

30. Results To: results@ambient-env.com

31. Drawings: ☐ Sample Locations
☐ Material Locations

32. Comments:



BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

214053659

PROJECT INFORMATION

1. Client:	SUNY Potsdam	2. Project Name:	BLK Sampling - Various Bldgs 44 Pleasant Ave, Potsdam, NY	2a. Project Address:	2b. Client Contact:
3. Project Number:	140517AA	3a. Task Number:		4. Inspector	5. Collection Date:
6. Sample TAT:	☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 Day ☐ Other	7. Building Name:	Barrington Student Union	8. Sampling Areas:	Rooms 127, 126, and 130A
		9. Comments: (Field)	☒ Analyze to First Positive By Homogeneous Material ☒ For Negative NOB PLM's, continue to TEM		

BULK SAMPLE LOCATION

TYPE OF MATERIALS

[illegible]

CHAIN OF CUSTODY

20. Relinquished By:	21. Date	22. Time	23. Received By:	24. Date	25. Time
I <i>Daniel P. Smith</i>	5-16-14		<i>Kennel</i>	5/16/14	12:57
II					
III					

LAB INFORMATION

DATE and ORIGIN		
26. Lab Name	27. Date	28. Time
a. Analyzed By: <i>Ewert Papamichael</i>	<i>8/10/10</i>	<i>15:25</i>
b. QC by:		
c. Lab Batch #:		

29. Ambient Project Manager:	30. Results To: results@ambient-env.com	31. Drawings: ☐ Sample Locations ☐ Material Locations
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32: Comments: