

A&A

ENVIRONMENTAL SERVICES

P.O. Box 708 • Poynette, WI 53955
Phone: (608) 635-8491 • Email: Office@aaenv.com • Fax: (608) 635-9717
INSPECTION

February 22, 2018

Randall Wiesner
City of Madison
210 Martin Luther King, Jr. Blvd., Rm 115
Madison, WI 53703-3342
(608) 266-4366, Fax (608) 264-9275
rwiesner@cityofmadison.com

RE: 212 N. First Street, Madison, WI

On February 16, 2018 an asbestos inspection for conventional demolition was completed on the old well house building.

Asbestos Inspection

Bulk samples were collected and analyzed for asbestos content by polarized light microscopy (PLM). The following materials were reported >1% asbestos or are assumed to contain greater than 1% asbestos that will become friable during conventional demolition. These materials must be properly removed prior to conventional demolition or fire training burn.

- Window glazing, Sample 1 – 9 windows, 9 Sq Ft

The following building materials are assumed to contain asbestos in good condition. These materials must be properly disposed of at an engineered landfill. These materials may not be recycled.

- None

The following building materials were sampled and reported as no asbestos detected:

- Drywall
- Drywall compound
- Plaster base coat
- Plaster top coat
- Upper roof
- Lower roof
- Paint texture
- Expansion joint caulking

Lead-Based Paint Inspection on Recyclable Materials

XRF Sampling was done on all painted recyclable materials and all surfaces were reported below .7 mg/cm²

Other Potentially Hazardous Materials

- 16 Fluorescent light bulbs

Building Information:

2,390 Sq Ft
2 Stories
0 Living Unit
70 Years Old
1 Building
Dane County

A&A Environmental Services Inc.'s inspectors are only able to inspect open, safe, and accessible areas inside and outside of the building. Inaccessible suspect material may be hidden throughout this building. Any additional suspect materials discovered during the course of abatement/demolition/remodeling must be assumed to be ACM until sampled by and EPA/State of Wisconsin certified asbestos inspector and proven negative.

If you have any questions concerning this report or the sampling performed please feel free to contact me.

Sincerely,



Ryan Sopha
President/Inspector #AII14676

Encl

RAS/bls

February 20, 2018

A & A Environmental Services
PO Box 708
Poynette, WI 53955

CLIENT PROJECT: City Of Madison; 337
CEI LAB CODE: A18-2752

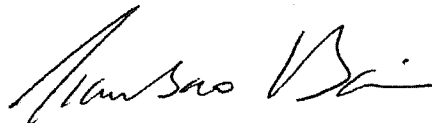
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 19, 2018. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

A & A Environmental Services

CLIENT PROJECT: City Of Madison; 337

LAB CODE: A18-2752

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/20/18

TOTAL SAMPLES ANALYZED: 13

SAMPLES >1% ASBESTOS: 1

TOTAL LAYERS ANALYZED: 13

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: City Of Madison; 337

LAB CODE: A18-2752

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		A2630431	Beige,Off-white	Window Glazing	Chrysotile 2%
2		A2630432	Gray	Window Caulking	None Detected
3		A2630433	White,Gray	Expansion Joint Caulk	None Detected
4		A2630434	Gray,Beige	Expansion Joint Caulk	None Detected
5		A2630435	Off-white,Beige	Door Caulk	None Detected
6		A2630436	Off-white	Drywall	None Detected
7		A2630437	White	Drywall Compound	None Detected
8		A2630438	White	Plaster Top Coat	None Detected
9		A2630439	Gray	Plaster Base Coat	None Detected
10		A2630440		No Sample Present in Sample Container	
11		A2630441	Gray	Plaster Base Coat	None Detected
12		A2630442	White	Point Texture	None Detected
13		A2630443	Black,Brown	Lower Roof	None Detected
14		A2630444	Black,Gray	Lower Roof	None Detected



CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental Services
 PO Box 708
 Poynette, WI 53955

Lab Code: A18-2752
Date Received: 02-19-18
Date Analyzed: 02-20-18
Date Reported: 02-20-18

Project: City Of Madison; 337

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
1 A2630431	Window Glazing	Heterogeneous Beige, Off-white Non-fibrous Bound	3%	Talc	80%	Binder	2% Chrysotile
2 A2630432	Window Caulking	Heterogeneous Gray Non-fibrous Bound			100%	Caulk	None Detected
3 A2630433	Expansion Joint Caulk	Heterogeneous White, Gray Non-fibrous Bound			100%	Caulk	None Detected
4 A2630434	Expansion Joint Caulk	Heterogeneous Gray, Beige Non-fibrous Bound			90%	Caulk	None Detected
5 A2630435	Door Caulk	Heterogeneous Off-white, Beige Non-fibrous Bound			90%	Caulk	None Detected
6 A2630436	Drywall	Heterogeneous Off-white Fibrous Bound	10%	Cellulose	85%	Gypsum	None Detected
7 A2630437	Drywall Compound	Heterogeneous White Fibrous Bound	10%	Talc	85%	Calc Carb	None Detected
					5%	Silicates	

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental Services
 PO Box 708
 Poynette, WI 53955

Lab Code: A18-2752
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Project: City Of Madison; 337

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
8 A2630438	Plaster Top Coat	Heterogeneous White Non-fibrous Bound	65%	Binder	35%	Silicates	None Detected
9 A2630439	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	5%	Cellulose	30%	Binder Silicates	None Detected
10 A2630440	No Sample Present in Sample Container						
11 A2630441	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	5%	Cellulose	25%	Binder Silicates Paint	None Detected
12 A2630442	Point Texture	Heterogeneous White Non-fibrous Bound	5%	Talc	50%	Calc Carb Foam Paint	None Detected
13 A2630443	Lower Roof	Heterogeneous Black,Brown Non-fibrous Bound			70%	Binder Silicates Paint	None Detected
14 A2630444	Lower Roof	Heterogeneous Black,Gray Non-fibrous Bound	5%	Cellulose	90%	Tar Silicates	None Detected

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation


REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

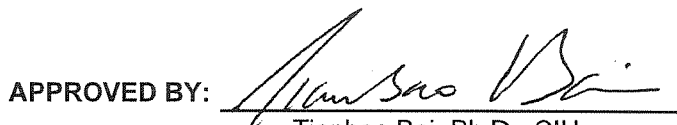
Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST:


Taylor B. Metcalf

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP[®]
TESTING
NVLAP LAB CODE 101768-0

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CLIENT:	City Of Madison	AA ENV #:	AAES338
LOCATION:	212 N. First St	SITE DATE	2/16/18
SAMPLE TYPE:	Paint		

Index	Component	Substrate	Side	Condition	Color	Results	PbC
1			CAL				0.44
2			CAL			Positive	1
3			CAL			Positive	1.1
4			CAL			Positive	0.9
5	WALL	CONCRETE	C	PEELING	TAN	Null	< LOD
6	WALL	CONCRETE	C	PEELING	TAN	Null	0.4
7	WALL	CONCRETE	C	PEELING	TAN	Negative	< LOD
8	WALL	CONCRETE	B	PEELING	TAN	Negative	< LOD
9	WALL	CONCRETE	A	PEELING	TAN	Negative	< LOD
10	WALL	CONCRETE	D	PEELING	TAN	Negative	< LOD
11	WALL	CONCRETE	D	PEELING	WHITE	Negative	< LOD
12	WALL	CONCRETE	A	PEELING	WHITE	Negative	< LOD
13	WALL	CONCRETE	B	PEELING	WHITE	Negative	< LOD
14	WALL	CONCRETE	C	PEELING	WHITE	Negative	< LOD
15	FLOOR	CONCRETE		PEELING	GRAY	Negative	0.5
16			CAL			Positive	1.1
17			CAL			Positive	1.1
18			CAL			Positive	1.2