

# A & A

## ENVIRONMENTAL SERVICES

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

May 6, 2020

Laura Amundson  
City of Madison Engineering Division  
210 Martin Luther King Jr. Blvd, Room 115  
Madison, WI 53703  
(608) 243-5892  
LAmundson@cityofmadison.com

RE: 1101 Woodward Drive, Madison, WI 53704

On May 1, 2020, an asbestos inspection for conventional demolition was completed on the commercial building located at 1101 Woodward Drive in Madison, WI.

### **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 needs to be removed prior being disturbed during renovation

- Precast caulk, Sample 2 – 4,766 Lin Ft
- Interior doorframe caulk, Sample 4 – 144 Lin Ft
- Brick molding caulk, Sample 8 - 350 Lin Ft
- Electrical panels, Assumed – 3 Sq Ft (3 panels)

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:

- Exterior door caulk
- Divider caulk
- Roofing tar
- Roofing membrane
- Vent flashing

### **Lead-Based Paint Inspection on Recyclable Materials**

Recyclable painted concrete was sampled for lead in paint utilizing a Niton XLP3000 x-ray fluorescence (XRF) analyzer. All readings were reported < 0.7 Mg/Cm<sup>2</sup> which allows for recycling of the painted concrete. All painted concrete materials (including cinder blocks) may be crushed/recycled as a result of this testing.

**Universal waste**, items that need to be removed prior to demolition.

- 18 HID lights
- 3 CFL Bulbs

### **Building Information**

1,700 Sq Ft  
1 Story  
0 Living units  
70 years old  
1 Building

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

May 5, 2020

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

**CLIENT PROJECT:** 1101 Woodward Drive, aaes 848  
**CEI LAB CODE:** B202166

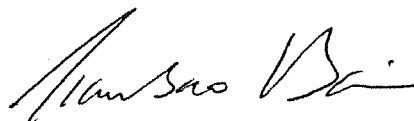
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 4, 2020. 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.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director



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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**A & A Environmental Services**

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CLIENT PROJECT: 1101 Woodward Drive, aaes 848

LAB CODE: B202166

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

REPORT DATE: 05/05/20

TOTAL SAMPLES ANALYZED: 8

# SAMPLES >1% ASBESTOS: 3

TOTAL LAYERS ANALYZED: 8



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# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 1101 Woodward Drive, aaes 848

LAB CODE: B202166

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B35492	White	Caulking	None Detected
2		B35493	Off-white	Caulking	Chrysotile 3%
3		B35494	Gray	Caulking	None Detected
4		B35495	Gray	Caulking	Chrysotile 3%
5		B35496	Black	Roof Tar	None Detected
6		B35497	Black	Roof Membrane	None Detected
7		B35498	Black	Vent Flashing	None Detected
8		B35499	Off-white	Caulking	Chrysotile 5%



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# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

**Lab Code:** B202166  
**Date Received:** 05-04-20  
**Date Analyzed:** 05-05-20  
**Date Reported:** 05-05-20

**Project:** 1101 Woodward Drive, aaes 848

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
1 B35492	Caulking	Heterogeneous White Non-fibrous Bound	95%	Caulk	None Detected
2 B35493	Caulking	Heterogeneous Off-white Non-fibrous Bound	97%	Caulk	3% Chrysotile
3 B35494	Caulking	Heterogeneous Gray Non-fibrous Bound	70%	Binder	None Detected
4 B35495	Caulking	Heterogeneous Gray Non-fibrous Bound	30%	Calc Carb	3% Chrysotile
5 B35496	Roof Tar	Heterogeneous Black Non-fibrous Bound	95%	Tar	None Detected
6 B35497	Roof Membrane	Heterogeneous Black Fibrous Bound	10%	Synthetic Fiber 90%	Binder None Detected
7 B35498	Vent Flashing	Heterogeneous Black Fibrous Bound	10%	Cellulose 90%	Tar None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

**Lab Code:** B202166  
**Date Received:** 05-04-20  
**Date Analyzed:** 05-05-20  
**Date Reported:** 05-05-20

**Project:** 1101 Woodward Drive, aaes 848

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
8 B35499	Caulking	Heterogeneous Off-white Fibrous Bound	95%	Caulk	5% Chrysotile

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

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

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**REPORTING LIMIT:** <1% by visual estimation

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

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**REGULATORY LIMIT:** >1% by weight

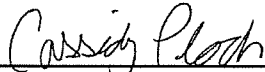
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Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain 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.*

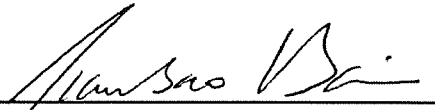
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation 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.

Information provided by customer includes customer sample ID and sample description.

**ANALYST:** \_\_\_\_\_

  
Cassidy Ploch

**APPROVED BY:** \_\_\_\_\_

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director



B202166  
 B 35490-92  
 B35499 (8)

# A&A Environmental Services, Inc.

Chain of Custody	P.O. Box 708, Poynette, WI 53955	(608) 635-8491
Client Name: City of Madison	Project: 1101 Woodward Drive	
Project Number: aaes 848	Building Type: Commercial	
Sample Type: <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Air	Turn Around: <input type="checkbox"/> 4 <input type="checkbox"/> 12 <input checked="" type="checkbox"/> 24 <input type="checkbox"/> 48 <input type="checkbox"/> 72	
<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PCM <input type="checkbox"/> TEM	XRF: Start _____ End _____	

Comments: 3 Electrical Panels  
~~18 Hib~~ 366L

ID#	Description
1	Exterior Door Caulk - Windows RR Hib 111
2	Pre cast Caulk
3	Divider Caulk
4	Interior Door Frame Caulk
5	Roofing Tar
6	Roofing membrane
7	Vent Flashing
8	Brick molding Caulk
9	
10	
11	
12	
13	
14	
15	EUROFINS CEI, INC SAMPLES ACCEPTED
16	<u>NG</u>

Sent by:	<u>[Signature]</u>	Ryan Sopha, President	Date	5/1/2020
Received by:	<u>[Signature]</u>		Date	5/1/20

9:30