

A & A Environmental, Inc.

N4381 US Hwy 51, Poynette, WI 53955

Phone: (608) 240-1511, Mobile Phone: (608) 576-4960, Fax: (608) 635-9717

Inspection

July 14, 2016

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

RE: 217 N. First Street, Madison, WI 53704

On July 7, 2016 an asbestos inspection for conventional demolition, a lead based paint inspection on recyclable concrete materials, and a visual inspection for mercury thermostats and fluorescent light bulbs that may contain mercury were completed on the residence and garage located at 217 N. First Street 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 friable asbestos (RACM) or asbestos that will become friable during conventional demolition. These materials must be properly removed prior to conventional demolition.

1. Window glazing on eight porch windows, eleven first and second floor windows, and four basement windows – 23 Sq Ft, Samples 1 and 2
2. Sheet vinyl and mastic in second floor bathroom – 80 Sq Ft, Samples 17 and 18
3. Asbestos paper on basement ductwork in eight locations going to first floor and three locations going to the second floor – 212 Sq Ft, assumed
4. Asbestos paper behind two electrical boxes in the basement. One area is 8" x 18" and the other is 2" x 2" – 6 Sq Ft, assumed
5. Top layer of roofing paper on the garage roof is in poor condition. The roofing paper is comingled with the rest of the roofing and on the ground. The roof appears to be in unsafe structural condition. There is 360 Sq Ft and approximately 200 Sq Ft of clean up on the ground, Samples 27 and 28.

The following building materials tested < 1% asbestos by PLM 400 point count or are assumed to contain asbestos in good condition that will not become friable during conventional demolition. These materials are to be properly disposed at an engineered landfill. **These materials may not be recycled.**

1. Asphalt roofing and tar paper on the residence – 728 Sq Ft, assumed
2. Tar paper under siding on the residence – 1,728 Sq Ft, assumed

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

1. Topcoat wall and ceiling plaster
2. Basecoat wall and ceiling plaster
3. 12 x 12 ceiling tiles
4. Kitchen sheet vinyl and mastic
5. Second floor bedroom sheet vinyl and mastic
6. Bathroom wall tile glue
7. Exterior foundations stucco
8. Top and bottom layer of roofing shingles on the garage
9. Wall board on the garage

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 milligram per square centimeter (Mg/Cm²) which allows for recycling of the painted concrete.

Other Hazardous Materials

- 1 Mercury thermostat
- 1 Refrigerator
- 2 Televisions
- 1 Dehumidifier

Building Information:

- 80 years old
- 2,562 Sq Ft
- 3 stories
- 1 living unit
- 2 buildings

A&A Environmental 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,



Kim Sopha
President/Inspector #AII01851

Encl

KAS/bls



July 12, 2016

A & A Environmental
N4381 US Highway 51
Poynette, WI 53955

CLIENT PROJECT: 217 N First St; AA 4259
CEI LAB CODE: A16-6313

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on July 8, 2016. 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,

A handwritten signature in black ink, appearing to read "Tianbao Bai".

Tianbao Bai, Ph.D., CIH
Laboratory Director





ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

A & A Environmental

CLIENT PROJECT: 217 N First St; AA 4259

CEI LAB CODE: A16-6313

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

REPORT DATE: 07/12/16

TOTAL SAMPLES ANALYZED: 30

SAMPLES >1% ASBESTOS: 6

TOTAL LAYERS ANALYZED: 30

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 217 N First St; AA 4259

CEI LAB CODE: A16-6313

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
01		A2191085	Gray,Off-white	Window Glazing	Chrysotile 5%
02		A2191086	Tan,Off-white	Window Glazing	None Detected
03		A2191087	Off-white	Plaster Skim Coat	None Detected
04		A2191088	Gray	Plaster Base Coat	None Detected
05		A2191089	Off-white	Plaster Skim Coat	None Detected
06		A2191090	Gray	Plaster Base Coat	None Detected
07		A2191091	Tan,White	Ceiling Tile	None Detected
08		A2191092	Tan,Green	Sheet Vinyl	None Detected
09		A2191093	Brown	Mastic	None Detected
10		A2191094	Off-white,Beige	Plaster Skim Coat	None Detected
11		A2191095	Gray	Plaster Base Coat	None Detected
12		A2191096	Off-white,Beige	Plaster Skim Coat	None Detected
13		A2191097	Gray	Plaster Base Coat	None Detected
14		A2191098	Tan,Off-white	Window Glazing	None Detected
15		A2191099	Beige,Blue	Sheet Vinyl	None Detected
16		A2191100	Brown	Mastic	None Detected
17		A2191101	Beige,Gray	Sheet Vinyl	Chrysotile 25%
18		A2191102	Brown	Mastic	Chrysotile 3%
19		A2191103	Tan	Wall Tile Glue	None Detected
20		A2191104	Gray,Off-white	Window Glazing	Chrysotile 5%
21		A2191105	Gray	Stucco	None Detected
22		A2191106	Gray,White	Stucco	None Detected
23		A2191107	Black,Red	Roof Shingle	None Detected
24		A2191108	Black,Red	Roof Shingle	None Detected
25		A2191109	Black,Gray	Roof Shingle	None Detected
26		A2191110	Black,Gray	Roof Shingle	None Detected
27		A2191111	Black,Gray	Roofing Paper	Chrysotile 10%
28		A2191112	Black,Gray	Roofing Paper	Chrysotile 10%
29		A2191113	Tan	Wall Board	None Detected
30		A2191114	Tan	Wall Board	None Detected



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental
 N4381 US Highway 51
 Poynette, WI 53955

CEI Lab Code: A16-6313
Date Received: 07-08-16
Date Analyzed: 07-11-16
Date Reported: 07-12-16

Project: 217 N First St; AA 4259

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
01 A2191085	Window Glazing	Heterogeneous	75%	Cellulose	10%	Caulk	5% Chrysotile
		Gray, Off-white	10%	Hair	10%	Binder	
		Fibrous	10%			Paint	
		Bound					
02 A2191086	Window Glazing	Heterogeneous	<1%	Cellulose	80%	Caulk	None Detected
		Tan, Off-white	10%	Hair	10%	Binder	
		Fibrous	10%			Paint	
		Bound					
03 A2191087	Plaster Skim Coat	Heterogeneous	10%	Cellulose	70%	Calc Carb	None Detected
		Off-white	10%	Hair	10%	Binder	
		Fibrous	10%			Paint	
		Bound					
04 A2191088	Plaster Base Coat	Heterogeneous	<1%	Cellulose	50%	Calc Carb	None Detected
		Gray	2%	Hair	38%	Silicates	
		Fibrous	10%			Binder	
		Bound					
05 A2191089	Plaster Skim Coat	Heterogeneous	10%	Cellulose	70%	Calc Carb	None Detected
		Off-white	10%	Hair	10%	Binder	
		Fibrous	10%			Paint	
		Bound					
06 A2191090	Plaster Base Coat	Heterogeneous	<1%	Cellulose	50%	Calc Carb	None Detected
		Gray	2%	Hair	38%	Silicates	
		Fibrous	10%			Binder	
		Bound					
07 A2191091	Ceiling Tile	Heterogeneous	75%	Cellulose	15%	Binder	None Detected
		Tan, White	10%	Hair	10%	Paint	
		Fibrous					
		Bound					



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental
 N4381 US Highway 51
 Poynette, WI 53955

CEI Lab Code: A16-6313
Date Received: 07-08-16
Date Analyzed: 07-11-16
Date Reported: 07-12-16

Project: 217 N First St; AA 4259

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
08 A2191092	Sheet Vinyl	Heterogeneous Tan,Green Fibrous Bound	30%	Cellulose	40%	Vinyl 20% Tar 10% Binder	None Detected
09 A2191093	Mastic	Heterogeneous Brown Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
10 A2191094	Plaster Skim Coat	Heterogeneous Off-white,Beige Fibrous Bound	10%	Cellulose	70%	Calc Carb 10% Binder 10% Paint	None Detected
11 A2191095	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% 2%	Cellulose Hair	50% 38% 10%	Calc Carb Silicates Binder	None Detected
12 A2191096	Plaster Skim Coat	Heterogeneous Off-white,Beige Fibrous Bound	10%	Cellulose	70%	Calc Carb 10% Binder 10% Paint	None Detected
13 A2191097	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1% 2%	Cellulose Hair	50% 38% 10%	Calc Carb Silicates Binder	None Detected
14 A2191098	Window Glazing	Heterogeneous Tan,Off-white Fibrous Bound	<1%	Cellulose	80%	Caulk 10% Binder 10% Paint	None Detected



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental
 N4381 US Highway 51
 Poynette, WI 53955

CEI Lab Code: A16-6313
Date Received: 07-08-16
Date Analyzed: 07-11-16
Date Reported: 07-12-16

Project: 217 N First St; AA 4259

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
15 A2191099	Sheet Vinyl	Heterogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Beige,Blue Fibrous Bound	10%	Synthetic Fiber	20%	Binder	
16 A2191100	Mastic	Heterogeneous	3%	Cellulose	97%	Mastic	None Detected
		Brown Fibrous Bound					
17 A2191101	Sheet Vinyl	Heterogeneous	10%	Cellulose	50%	Vinyl	25% Chrysotile
		Beige,Gray Fibrous Bound			15%	Binder	
18 A2191102	Mastic	Heterogeneous	2%	Cellulose	95%	Mastic	3% Chrysotile
		Brown Fibrous Bound					
Lab Notes: Possible contamination from adjacent positive backing layer.							
19 A2191103	Wall Tile Glue	Heterogeneous	3%	Cellulose	75%	Mastic	None Detected
		Tan Fibrous Bound			22%	Paint	
20 A2191104	Window Glazing	Heterogeneous			75%	Caulk	5% Chrysotile
		Gray,Off-white Fibrous Bound			10%	Binder	
21 A2191105	Stucco	Heterogeneous	<1%	Cellulose	50%	Calc Carb	None Detected
		Gray Fibrous Bound			40%	Silicates	
					10%	Binder	



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental
 N4381 US Highway 51
 Poynette, WI 53955

CEI Lab Code: A16-6313
Date Received: 07-08-16
Date Analyzed: 07-11-16
Date Reported: 07-12-16

Project: 217 N First St; AA 4259

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
22 A2191106	Stucco	Heterogeneous Gray,White Fibrous Bound	<1%	Cellulose	50%	Calc Carb 40% Silicates 10% Paint	None Detected
23 A2191107	Roof Shingle	Heterogeneous Black,Red Fibrous Bound	30%	Cellulose	25%	Tar 35% Gravel 10% Silicates	None Detected
24 A2191108	Roof Shingle	Heterogeneous Black,Red Fibrous Bound	30%	Cellulose	25%	Tar 35% Gravel 10% Silicates	None Detected
25 A2191109	Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	30%	Cellulose	25%	Tar 35% Gravel 10% Silicates	None Detected
26 A2191110	Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	30%	Cellulose	25%	Tar 35% Gravel 10% Silicates	None Detected
27 A2191111	Roofing Paper	Heterogeneous Black,Gray Fibrous Bound	25%	Cellulose	50%	Tar 15% Binder	10% Chrysotile
28 A2191112	Roofing Paper	Heterogeneous Black,Gray Fibrous Bound	25%	Cellulose	50%	Tar 15% Binder	10% Chrysotile



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: A & A Environmental
 N4381 US Highway 51
 Poynette, WI 53955

CEI Lab Code: A16-6313
Date Received: 07-08-16
Date Analyzed: 07-11-16
Date Reported: 07-12-16

Project: 217 N First St; AA 4259

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
29 A2191113	Wall Board	Heterogeneous Tan Fibrous Bound	70%	Cellulose	30%	Binder	None Detected
30 A2191114	Wall Board	Heterogeneous Tan Fibrous Bound	70%	Cellulose	30%	Binder	None Detected

A & A Environmental, Inc.

N4381 US Hwy 51 • Poynette, WI 53955
 Phone: (608) 240-1511 • Mobile Phone: (608) 576-4960 • Pager: (608) 275-5377
 Fax: (608) 635-9717

CLIENT:	City of Madison	AA ENV #:	AA4259
LOCATION:	217 N. First St	SITE DATE	7/7/16
SAMPLE TYPE:	Paint	INSPECTOR	Kim Sopha

Index	Type	Component	Substrate	Side	Condition	Color	Floor	Results	PbC
1	Shutter	Cal							1.12
2	Paint							Positive	1.2
3	Paint							Positive	1.2
4	Paint							Positive	1
5	Paint	FLOOR	CONCRETE		PEELING	GRAY	BASEMENT	Negative	< LOD
6	Paint	WALL	CONCRETE	A	PEELING	WHITE	BASEMENT	Negative	0.5
7	Paint	WALL	CONCRETE	B	PEELING	WHITE	BASEMENT	Negative	0.28
8	Paint	WALL	CONCRETE	C	PEELING	WHITE	BASEMENT	Negative	0.3
9	Paint	WALL	CONCRETE	D	PEELING	WHITE	BASEMENT	Negative	0.4
10	Paint							Positive	1
11	Paint							Positive	0.9
12	Paint							Positive	1
13	Paint							Positive	1