



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Two Family Dwelling  
2838 North 7<sup>th</sup> Street  
Milwaukee, Wisconsin**

For:

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 14-200-042.2838  
Contract No.: 360-14-0745**

A handwritten signature in black ink, appearing to read 'Dean Jacobsen', is written over a horizontal line.

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204

**May 2014**

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2838 North 7<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, window glazing compound, linoleum, flue packing, and ceiling tile to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M*.

## II. BUILDING SURVEY

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building survey and to analyze samples taken during the inspection.

**On May 12, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2838 North 7<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

The results of the survey integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples taken are outlined in this document. If you have any questions please contact HMG at (414) 383-4800.

## III. THE LABORATORY

### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP

regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, window glazing compound, linoleum, flue packing, and ceiling tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	2 <sup>nd</sup> floor – living room – east wall – plaster	Negative	N/A	SPI
2	2 <sup>nd</sup> floor – bedroom – west wall – plaster	Negative	N/A	SPI
3	2 <sup>nd</sup> floor – kitchen – ceiling – plaster	Negative	N/A	SPI
4	1 <sup>st</sup> floor – living room – north wall – plaster	Negative	N/A	SPI
5	1 <sup>st</sup> floor – dining room – south wall – plaster	Negative	N/A	SPI
6	2 <sup>nd</sup> floor – dining room – north wall – texture	Negative	N/A	STX
7	2 <sup>nd</sup> floor – living room – north wall – texture	Negative	N/A	STX
8	2 <sup>nd</sup> floor – bathroom – south wall – texture	Negative	N/A	STX
9a	1 <sup>st</sup> floor – stair – east wall – texture #2 top layer	Negative	N/A	STX2
9b	1 <sup>st</sup> floor – stair – east wall – texture #2 bottom layer	Negative	N/A	STX2
10a	2 <sup>nd</sup> floor – stair – ceiling – texture #2 top layer	Negative	N/A	STX2
10b	2 <sup>nd</sup> floor – stair – ceiling – texture #2 bottom layer	Negative	N/A	STX2
11	2 <sup>nd</sup> floor – stair – north wall – texture #2	Negative	N/A	STX2
12	1 <sup>st</sup> floor – living room – on west window – glazing compound	Negative	N/A	MPG
13	1 <sup>st</sup> floor – dining room – on north window – glazing compound	Negative	N/A	MPG
14	2 <sup>nd</sup> floor – bedroom – on south window – glazing compound	Negative	N/A	MPG
15	1 <sup>st</sup> floor – back hall – tan and yellow linoleum	Positive 25% Chrysotile	20 Sq. Ft.	MFLtl
16	2 <sup>nd</sup> floor – stair – yellow and black linoleum	Negative	N/A	MFLlk
17	Basement – on chimney – flue packing	Positive 70% Chrysotile	2 Sq. Ft.	TFP
18	1 <sup>st</sup> floor – front entry – gold linoleum	Positive 30% Chrysotile	40 Sq. Ft.	MFLd
19	1 <sup>st</sup> floor – living room – ceiling tile	Negative	N/A	MSCT

**Notes:** N/A = Not Applicable  
Sq. Ft. = Square Feet

**Duct paper was observed in basement ceiling but not accessible during inspection: estimated quantity 30 sq. ft.**

**Assumed Category I Non-Friable Asbestos Containing Material:**

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,400 Sq. Ft.
Roof	Garage	Asphalt Shingles & Flashing	200 Sq. Ft.
1 <sup>st</sup>	Kitchen/Bathroom/Pantry/Hall	Floor Tile & Mastic	260 Sq. Ft.
1 <sup>st</sup>	Entry/Back Hall	Floor Mastic	60 Sq. Ft.
2 <sup>nd</sup>	Stair	Floor Mastic	30 Sq. Ft.
2 <sup>nd</sup>	Kitchen/Bathroom/Pantry	Floor Tile & Mastic	200 Sq. Ft.

**Homogeneous Material Codes**

SP1	Plaster
STX	Texture
STX2	Texture #2
MFLtl	Tan & Yellow Linoleum
MFLlk	Yellow & Black Linoleum
MFLd	Gold Linoleum
MPG	Glazing Compound
MSCT	Ceiling Tile
TFP	Flue Packing

**Note#1:** Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

**Note#2:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the demolition contractor.

**V. EXCLUSIONS**

**Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

**VI. LIMITATIONS**

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions

extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### BOILERS, FURNACES, HEATERS AND TANKS – 1 Furnace & 1 Water Heater in Basement

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – 2 Electric Meters & 2 Breaker Boxes in Basement**

<u>  N/A  </u>	Load Meters and Supply Relays
<u>  N/A  </u>	Phase Splitters
<u>  N/A  </u>	Microwave Relays
<u>  N/A  </u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>  N/A  </u>	Transformers
<u>  N/A  </u>	Capacitors (appliances, electronic equipment)
<u>  N/A  </u>	Heat Transfer Equipment
<u>  N/A  </u>	Light Ballasts
<u>  N/A  </u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>  N/A  </u>	Sumps or Oil Traps (in maintenance and industrial facilities)

### **OTHER ENVIRONMENTAL ISSUES**

<u>  N/A  </u>	Hazardous Waste
<u>  N/A  </u>	Oil Tanks
<u>  N/A  </u>	Well Abandonment
<u>   6   </u>	Junk Auto Tires – Garage
<u>   1   </u>	Junk Vehicles – Garage

\* 20 Gallons Paint in Basement

## VIII. LABORATORY RESULTS



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235508	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/15/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 05/22/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2838

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair	2 Quartz CaCO3
002	2	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair	2 Quartz CaCO3
003	3	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair	2 Quartz CaCO3
004	4	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair	2 Quartz CaCO3
005	5	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	6	Homogeneous	White Texture	Asbestos Not Present	NA	Paint CaCO3
007	7	Homogeneous	White Texture	Asbestos Not Present	NA	Paint CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2838

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Texture	Asbestos Not Present	NA	Paint CaCO3
009	9	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
011	11	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012	12	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint

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### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235508	Client: Harendra Management Group
Account Number: B929	Jolene Harendra
Date Received: 05/15/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 05/22/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2838

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Layered	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
014	14	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
015	15	Homogeneous	Cream/Brown Sheet Vinyl	Asbestos Present Chrysotile 25	Cellulose 5	Vinyl Foam Binder
016	16	Homogeneous	Cream/Brown Linoleum	Asbestos Not Present	Cellulose 45	Tar Vinyl
017	17	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	NA	Binder
018	18	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl Foam
019	19	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

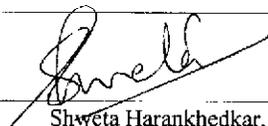
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
				5/22/2014		
	 Shweta Harankhedkar, Analyst			Date of Report		

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# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Lab No. 235508  
 Accept  Reject

Report Results (E-mail box)  
 QuantEM Website  
 Other\_email \_\_\_\_\_

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-042.2838
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	5/14/14 1800	FedEx	<i>J. Miller</i>	5-15-14 9:50

<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116) <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Preparation <input type="checkbox"/> Particle ID	<b>PLM</b> <input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004) <input type="checkbox"/> Other <b>PCM</b> <input type="checkbox"/> NIOSH 7400	<b>AIR</b> <input type="checkbox"/> Air- AHERA <input type="checkbox"/> Air- NIOSH 7402 <input type="checkbox"/> Air- ISO 10312 <input type="checkbox"/> Drinking Water- EPA 100.2 <input type="checkbox"/> Waste Water- EPA 600/4-83-043	<b>EM</b> <input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116 <input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield <input type="checkbox"/> Dust- Presence / Absence <input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755 <input type="checkbox"/> Other	<b>TURNAROUND TIME</b> <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 24 - Hour <input type="checkbox"/> 3 - Day <input checked="" type="checkbox"/> 5 - Day
---	---	--	---	---

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Comments (Notes)
1		<input checked="" type="checkbox"/>		
2		<input type="checkbox"/>		
3		<input type="checkbox"/>		
4		<input type="checkbox"/>		
5		<input type="checkbox"/>		
6		<input type="checkbox"/>		
7		<input type="checkbox"/>		
8		<input type="checkbox"/>		
9		<input type="checkbox"/>		
10		<input checked="" type="checkbox"/>		



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 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only  
 Lab No. 235508  
 Accept  Reject

Project Information				Project Location:	
Company: Harenda Management Group		Project Name: DNS	Milwaukee, WI		
No.	Sample ID (10 Characters Max)	To Be Analyzed	Description	Volume / Area (As applicable)	Comments/Notes
11	11	<input checked="" type="checkbox"/>			
12	12	<input type="checkbox"/>			
13	13	<input type="checkbox"/>			
14	14	<input type="checkbox"/>			
15	15	<input type="checkbox"/>			Do Not Test Mastic
16	16	<input type="checkbox"/>			
17	17	<input type="checkbox"/>			↓
18	18	<input type="checkbox"/>			
19	19	<input checked="" type="checkbox"/>			
20		<input type="checkbox"/>			
21		<input type="checkbox"/>			
22		<input type="checkbox"/>			
23		<input type="checkbox"/>			
24		<input type="checkbox"/>			
25		<input type="checkbox"/>			
26		<input type="checkbox"/>			
27		<input type="checkbox"/>			
28		<input type="checkbox"/>			
29		<input type="checkbox"/>			
30		<input type="checkbox"/>			

## **IX. HMG CERTIFICATION**

# Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305  
NEW BERLIN WI 53151-2105

is certified under ch. HFS 159, Wis. Adm. Code as a

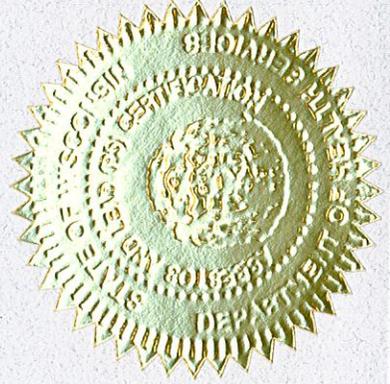
Asbestos Company - Primary

Certificate Issue Date: 09/11/2013  
Expiration Date: 08/31/2015, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A. Bruce*  
Shelley A. Bruce,  
Unit Supervisor





**ASBESTOS INSPECTOR**

Issued By

**STATE OF WISCONSIN**  
Dept. of Health Services

Eric Duane Christon  
10908 W Langlade St  
Milwaukee WI 53225-1319

		275 lbs	6' 01"
All-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015



**ASBESTOS SNIP INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
818 North 35<sup>th</sup> Street  
Milwaukee, Wisconsin**

**For:**

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
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The inspection included stucco, plaster, window glazing compound, linoleum, paper insulation, ceramic tile, blown in insulation, drywall/joint compound, fiberboard, flue packing, duct paper, and transite to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M*.

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### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include stucco, plaster, window glazing compound, linoleum, paper insulation, ceramic tile, blown in insulation, drywall/joint compound, fiberboard, flue packing, duct paper, and transite. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – basement level south wall – stucco	Negative	N/A	STC
2	Exterior – basement level east wall – stucco	Negative	N/A	STC
3	Exterior – basement level north wall – stucco	Negative	N/A	STC
4	<b>1<sup>st</sup> floor – front entry – west window – glazing compound <i>Includes 20 windows in basement</i></b>	<b>Positive 3% Chrysotile</b>	<b>57 Windows</b>	<b>MPG</b>
5	<b>Basement – north window – glazing compound</b>	<b>Positive 3% Chrysotile</b>	<b>Reference Sample 4</b>	<b>MPG</b>
6	2 <sup>nd</sup> floor – south bedroom – south window – glazing compound	Negative	N/A	MPG
7a	1 <sup>st</sup> floor – front entry – green linoleum	Negative	N/A	MFLg
7b	1 <sup>st</sup> floor – front entry – under linoleum – tar paper	Negative	N/A	MFLg
8	1 <sup>st</sup> floor – west bedroom – green linoleum	Negative	N/A	MFLg
9	1 <sup>st</sup> floor – kitchen – green linoleum	Negative	N/A	MFLg
10	1 <sup>st</sup> floor – kitchen - under linoleum – paper insulation	Negative	N/A	MPI
11	1 <sup>st</sup> floor – west bedroom - under linoleum – paper insulation	Negative	N/A	MPI
12	1 <sup>st</sup> floor – front entry – under tar paper – paper insulation	Negative	N/A	MPI
13	1 <sup>st</sup> floor – living room – at fireplace – red ceramic tile	Negative	N/A	MCTMr
14a	1 <sup>st</sup> floor – living room – at fireplace – mortar	Negative	N/A	MCTMM
14b	1 <sup>st</sup> floor – living room – at fireplace – grout	Negative	N/A	MCTMM
15	1 <sup>st</sup> floor – bathroom – top layer – white and pink linoleum	Negative	N/A	MFLwp
16	1 <sup>st</sup> floor – bathroom – 3 <sup>rd</sup> layer – cream and red linoleum	Negative	N/A	MFLcr
17	1 <sup>st</sup> floor – bathroom – 4 <sup>th</sup> layer – paper insulation #2	Negative	N/A	MPI2
18	1 <sup>st</sup> floor – east room – tan linoleum	Negative	N/A	MFLt
19a	1 <sup>st</sup> floor – stair – ceiling – plaster skim coat	Negative	N/A	SPI
19b	1 <sup>st</sup> floor – stair – ceiling – plaster base coat	Negative	N/A	SPI
20a	Basement – stair – ceiling – plaster skim coat	Negative	N/A	SPI
20b	Basement – ceiling – plaster base coat	Negative	N/A	SPI
21a	2 <sup>nd</sup> floor – south bedroom – ceiling – plaster skim coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
21b	2 <sup>nd</sup> floor – south bedroom – ceiling – plaster base coat	Negative	N/A	SPI
22a	2 <sup>nd</sup> floor – kitchen – east wall – plaster skim coat	Negative	N/A	SPI
22b	2 <sup>nd</sup> floor – kitchen – east wall – plaster base coat	Negative	N/A	SPI
23a	2 <sup>nd</sup> floor – west bedroom – north wall – plaster skim coat	Negative	N/A	SPI
23b	2 <sup>nd</sup> floor – west bedroom – north wall – plaster base coat	Negative	N/A	SPI
24	2 <sup>nd</sup> floor – kitchen – under floor tile – beige linoleum	Negative	N/A	MFLe
25	2 <sup>nd</sup> floor – pantry – under floor tile – beige linoleum	Negative	N/A	MFLe
26	2 <sup>nd</sup> floor – west bedroom – under floor tile – beige linoleum	Negative	N/A	MFLe
27	2 <sup>nd</sup> floor – bathroom – on floor – blown in insulation	Negative	N/A	MBI
28	2 <sup>nd</sup> floor – stair – in ceiling – blown in insulation	Negative	N/A	MBI
29	Attic – on floor – blown in insulation	Negative	N/A	MBI
30	2 <sup>nd</sup> floor – kitchen – north wall – drywall	Negative	N/A	MDW
31	2 <sup>nd</sup> floor – living room – west wall – joint compound	Trace <1% Chrysotile	N/A	MDW
31	2 <sup>nd</sup> floor – living room – west wall – joint compound Layer 2	Positive 2% Chrysotile	N/A	MDW
31	2 <sup>nd</sup> floor – living room – west wall – drywall	Negative	N/A	MDW
31	COMPOSITE POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	SPI
32	2 <sup>nd</sup> floor – stair – ceiling – drywall	Negative	N/A	MDW
33	2 <sup>nd</sup> floor – west bedroom – north wall – fiberboard	Negative	N/A	MFB
34	2 <sup>nd</sup> floor – bathroom – 2 <sup>nd</sup> layer – brown linoleum	Negative	N/A	MFLn
35	2 <sup>nd</sup> floor – bathroom – 3 <sup>rd</sup> layer – gold and gray linoleum	Negative	N/A	MFLdy
36	Basement – on duct north of chimney – duct paper	Positive 85% Chrysotile	2 Sq. Ft.	TDW
37	Basement – on chimney – flue packing	Negative	N/A	SPI
38	Basement – near breaker boxes – transite panel	Positive 80% Chrysotile	1 Sq. Ft.	MTP

Notes: N/A = Not Applicable  
Sq. Ft. = Square Feet

### Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,000 Sq. Ft.
1 <sup>st</sup>	Entry/Kitchen/Bathroom/Hall/Bedrooms	Floor Mastic	800 Sq. Ft.
2 <sup>nd</sup>	Kitchen/Bathroom/Pantry	Floor Tile & Mastic	180 Sq. Ft.

#### Homogeneous Material Codes

SPI	Plaster
STC	Stucco
MPG	Glazing Compound

### Homogeneous Material Codes

MFLg	Green Linoleum
MFLwp	White & Pink Linoleum
MFLcr	Cream & Red Linoleum
MFLgn	Green & Brown Linoleum
MFLt	Tan Linoleum
MFLe	Beige Linoleum
MFLn	Brown Linoleum
MFLdy	Gold & Gray Linoleum
MPI	Paper Insulation
MPI2	Paper Insulation #2
MBI	Blown in Insulation
MDW	Drywall/Joint Compound
MFB	Fiberboard
MCTMr	Red Ceramic Tile
MCTMM	Mortar
MTP	Transite
TFP	Flue Packing
TDW	Duct Paper

**Note#1:** Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

**Note#2:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the demolition contractor.

**Note#4:** Additional duct paper may be within walls and ceilings.

## V. EXCLUSIONS

**Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

## VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the

preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health & Family Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>4</u>	Fluorescent Lights – Front Entry, 1 <sup>st</sup> Floor Kitchen
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## **ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement**

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

### **PCBs**

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>2</u>	Light Ballasts – Front Entry, 1 <sup>st</sup> Floor Kitchen
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

### **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

## VIII. LABORATORY RESULTS



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 232580	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 03/04/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
002	2	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
003	3	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
004	4	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
005	5	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3
006	6	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Talc
007	7	Layered	Green Linoleum	Asbestos Not Present	Cellulose 30	Tar Binder

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
008	8	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 30	Tar Binder
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 30	Tar
010	10	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
011	11	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
012	12	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
013	13	Homogeneous	Red Brick	Asbestos Not Present	NA	Clay

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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 232580	Client: Harendra Management Group
Account Number: B929	Jolene Harendra
Date Received: 03/04/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Layered	Tan Stucco	Asbestos Not Present	NA	Sand CaCO3
014a		Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
015	15	Homogeneous	Tan Flooring	Asbestos Not Present	Glass Fiber 10	Vinyl CaCO3
016	16	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose Synthetic 15	Binder 15
017	17	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 30	Binder
018	18	Homogeneous	Gray Flooring	Asbestos Not Present	Cellulose Synthetic 95	5
019	19	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint

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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 232580	Client: Harenda Management Group
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Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
020	20	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3
020a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
021	21	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint
021a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	Sand CaCO3
022	22	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint

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Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
023	23	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3
023a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
024	24	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder
025	25	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder
026	26	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder
027	27	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

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Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
029	29	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
030	30	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
031	31	Layered	Tan Texture	Asbestos Present Chrysotile <1	NA	CaCO3 Paint
031a		Layered	White/Gray Texture	Asbestos Present Chrysotile 2	NA	CaCO3
031b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
032	32	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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### Polarized Light Microscopy Asbestos Analysis Report

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Date Analyzed: 03/06/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.818

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	33	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
034	34	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
035	35	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder
036	36	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 85	Cellulose <1	Binder
037	37	Homogeneous	Gray Insulation	Asbestos Not Present	NA	Gypsum
038	38	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder

*Cristal Veech*  
 Cristal Veech, Analyst

3/6/2014  
 Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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# ASBESTOS CHAIN OF CUSTODY

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Report Results  one box  
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 Other email \_\_\_\_\_

Project Information  
 Project Name: DNS  
 Project Location: Milwaukee, WI  
 Project ID: 14-200-061.818  
 P.O. Number: \_\_\_\_\_

Contact Information  
 Company: Harenda Management Group Phone: (414) 383-4800  
 Contact: Dean Jacobsen Cell Phone: \_\_\_\_\_  
 Account #: B929 E-mail: djacobsen@harenda.com  
 SAMPLED BY: Name: \_\_\_\_\_ Date: \_\_\_\_\_

RELINQUISHED BY: [Signature] DATE & TIME: 3/3/14 1800 VIA: FedEx RECEIVED BY: [Signature] DATE & TIME: 3/4/14 10:40

### REQUESTED SERVICES (Please check the Appropriate Boxes)

	PLM		TEM		TEM		TURNAROUND TIME
	<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush	
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> Particle ID	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/>	<input checked="" type="checkbox"/> 3 - Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/>	<input type="checkbox"/> 5 - Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/>	

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1		<input checked="" type="checkbox"/>				
2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input checked="" type="checkbox"/>				Do Not Test/Analyze



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only
Lab No. <u>232580</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information		Project Name: DNS	Project Location: Milwaukee, WI			
No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
11		<input checked="" type="checkbox"/>				Do Not Test Asstc
12		<input type="checkbox"/>				
13		<input type="checkbox"/>				
14		<input type="checkbox"/>				
15		<input type="checkbox"/>				
16		<input type="checkbox"/>				
17		<input type="checkbox"/>				
18		<input type="checkbox"/>				
19		<input type="checkbox"/>				
20		<input type="checkbox"/>				
21		<input type="checkbox"/>				
22		<input type="checkbox"/>				
23		<input type="checkbox"/>				
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only
Lab No. <u>232580</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

Project Information		Project Name: DNS	Project Location: Milwaukee, WI			
No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
34	34	<input type="checkbox"/>				Do Not Test/Analyze
35	35	<input type="checkbox"/>				↓
36	36	<input type="checkbox"/>				
37	37	<input type="checkbox"/>				
38	38	<input type="checkbox"/>				
39		<input type="checkbox"/>				
40		<input type="checkbox"/>				
41		<input type="checkbox"/>				
42		<input type="checkbox"/>				
43		<input type="checkbox"/>				
44		<input type="checkbox"/>				
45		<input type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 232777

Account Number: B929

Date Received: 03/10/2014

Received By: Sherrie Leftwich

Date Analyzed: 03/10/2014

Analyzed By: Cristal Veech

Methodology: EPA/600/R-93/116

Client: Harenda Management Group  
Jolene Harenda  
1237 West Bruce St.  
Milwaukee, WI 53204

Project: PTCT for 232580, DNS

Project Location: Milwaukee, WI

Project Number: 14-200-061.818

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	31	Composite	White/Tan Texture / Sheetrock	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Cristal Veech, Analyst

3/10/2014

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

www.QuanTEM.com

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only

Lab No. 232-777  
 Accept  Reject

Report Results ( one box)  
 QuanTEM Website  
 Other email

Project Information  
 Project Name: DNS  
 Project Location: Milwaukee, WI  
 Project ID: 14-200-061.818  
 P.O. Number:

Contact Information  
 Company: Harendra Management Group  
 Contact: Dean Jacobsen  
 Account #: B929  
 Phone: (414) 383-4800  
 Cell Phone:  
 E-mail: djacobsen@harendra.com  
 Date:

RELINQUISHED BY: [Signature] DATE & TIME: 3/8/14 9:55 VIA: Email RECEIVED BY: [Signature] DATE & TIME: 3/8/14 8:00

### REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed	Description	Volume / Area (as applicable)	Comments / Notes
1	31	<input checked="" type="checkbox"/>	Composite Point Count		Quantem Lab #292580
2		<input type="checkbox"/>			
3		<input type="checkbox"/>			
4		<input type="checkbox"/>			
5		<input type="checkbox"/>			
6		<input type="checkbox"/>			
7		<input type="checkbox"/>			
8		<input type="checkbox"/>			
9		<input type="checkbox"/>			
10		<input type="checkbox"/>			

## **IX. HMG CERTIFICATION**

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services



Demicca Andrea Marie Coe

1237 W Bruce St

Milwaukee WI 53204-1218

		150 lbs	5' 01"
AII-156385	Exp: 09/26/2014	09/08/1971	Female

Training due by: 09/26/2014

# Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305  
NEW BERLIN WI 53151-2105

is certified under ch. HFS 159, Wis. Adm. Code as a

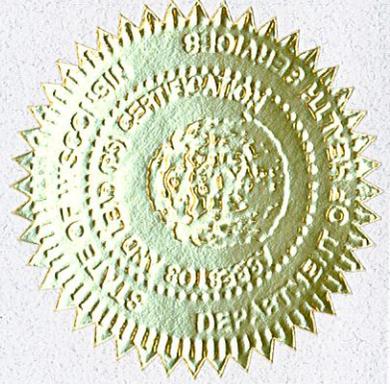
Asbestos Company - Primary

Certificate Issue Date: 09/11/2013  
Expiration Date: 08/31/2015, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Four Family Dwelling  
2028 West Wright Street  
Milwaukee, Wisconsin**

For:

City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

**HMG Report No.: 14-200-042.2028  
Contract No.: 360-14-0745**

A handwritten signature in black ink, appearing to read 'Dean Jacobsen', is written over a horizontal line.

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204

**June 2014**

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2028 West Wright Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco patch, duct paper, and drywall/joint compound to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M*.

## II. BUILDING SURVEY

Marge Piwaron, of the City of Milwaukee Department of Neighborhood Services, authorized HMG to conduct a building survey and to analyze samples taken during the inspection.

**On May 29, 2014 HMG conducted an asbestos inspection of a four family dwelling, scheduled for mechanical demolition, located at 2028 West Wright Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

The results of the survey integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples taken are outlined in this document. If you have any questions please contact HMG at (414) 383-4800.

## III. THE LABORATORY

### A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP

regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

#### IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, stucco patch, duct paper, and drywall/joint compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	Exterior – east wall stucco patch skim coat	Negative	N/A	STC
1b	Exterior – east wall stucco patch base coat	Negative	N/A	STC
2a	Exterior – east wall stucco patch skim coat	Negative	N/A	STC
2b	Exterior – east wall stucco patch base coat	Negative	N/A	STC
3a	Exterior – east wall stucco patch skim coat 1	Negative	N/A	STC
3b	Exterior – east wall stucco patch skim coat 2	Negative	N/A	STC
3c	Exterior – east wall stucco patch base coat	Negative	N/A	STC
4	<b>Basement – on round duct – duct paper</b>	<b>Positive 75% Chrysotile</b>	<b>300 Sq. Ft.</b>	<b>TDW</b>
5	<b>Basement – on square duct – duct paper</b>	<b>Positive 75% Chrysotile</b>	<b>Reference Sample 4</b>	<b>TDW</b>
6	<b>Basement – on rectangular duct – duct paper</b>	<b>Positive 75% Chrysotile</b>	<b>Reference Sample 4</b>	<b>TDW</b>
7	2 <sup>nd</sup> floor – apartment 4 living room – south wall – plaster	Negative	N/A	SPI
8	2 <sup>nd</sup> floor – apartment 3 – kitchen – east wall – plaster	Negative	N/A	SPI
9a	2 <sup>nd</sup> floor – stair – east wall – patch layer	Negative	N/A	SPI
9b	2 <sup>nd</sup> floor – stair – east wall – plaster	Negative	N/A	SPI
10	1 <sup>st</sup> floor – apartment 2 kitchen – west wall – plaster	Negative	N/A	SPI
11a	1 <sup>st</sup> floor – apartment bedroom – north wall – patch layer	Negative	N/A	SPI
11b	1 <sup>st</sup> floor – apartment bedroom – north wall – plaster	Negative	N/A	SPI
12a	2 <sup>nd</sup> floor – stair – south wall – joint compound	Negative	N/A	MDW
12b	2 <sup>nd</sup> floor – stair – south wall – drywall	Negative	N/A	MDW
13a	1 <sup>st</sup> floor – apartment 2 hall – west wall – joint compound	Negative	N/A	MDW
13b	1 <sup>st</sup> floor – apartment 2 hall – west wall – drywall	Negative	N/A	MDW
14a	1 <sup>st</sup> floor – apartment 2 hall – west wall – joint compound	Negative	N/A	MDW
14b	1 <sup>st</sup> floor – entry – east wall – drywall	Negative	N/A	MDW

**Notes:** N/A = Not Applicable  
Sq. Ft. = Square Feet

### Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Built up Roofing & Flashing	1,100 Sq. Ft.
1 <sup>st</sup>	Kitchens/Living Rooms/ Bedrooms/Bathrooms/Hall	Floor Tile & Mastic	1,100 Sq. Ft.
2 <sup>nd</sup>	Kitchens/Living Room/ Bedroom/Bathrooms/Hall	Floor Tile & Mastic	700 Sq. Ft.

#### Homogeneous Material Codes

SPI	Plaster
STC	Stucco
MDW	Drywall/Joint Compound
TDW	Duct Paper

**Note#1:** Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

**Note#2:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#3:** A copy of this report should be transmitted to the demolition contractor.

**Note#4:** Additional duct paper may be within walls and ceilings.

## V. EXCLUSIONS

**No access to attic. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.**

HMG is not and shall not represent the building owner as its agent or representative for the purpose of the US EPA/NESHAP and/or the WDNR/NR447 regulations, as owner/operator.

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

## VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the

opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## **VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

This guide lists materials and products commonly found in buildings with examples. It is not intended as a substitute for reading the rules and statutes and making your own independent determination of their applicability to your demolition project. These examples presented here do not represent an exhaustive listing of types of materials that may be required to be removed from the building prior to demolition.

## **ASBESTOS**

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

Lead or Lead Based Paint (LBP) is common in many older buildings. When recycling construction and demolition debris, be aware that wood containing lead paint may not be chipped and spread for landscaping. State law also prohibits the sale or transfer of any fixture or other object containing LBP that might be placed upon any surface of a dwelling, which is ordinarily accessible to children.

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>N/A</u>	Fluorescent Lights
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### HVAC

Check thermostats and any control associated with air handling units for switches containing mercury.

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>N/A</u>	Old Thermostats
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

### BOILERS, FURNACES, HEATERS AND TANKS

<u>N/A</u>	Mercury Flame Sensors by pilot lights
<u>N/A</u>	Manometers, Thermometers, Gauges
<u>N/A</u>	Pressure-trol
<u>N/A</u>	Float or Level Controls
<u>N/A</u>	Space Heaters

## ELECTRICAL SYSTEMS

<u>N/A</u>	Load Meters and Supply Relays
<u>N/A</u>	Phase Splitters
<u>N/A</u>	Microwave Relays
<u>N/A</u>	Mercury Displacement Relays

## PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building where PCBs may be found:

<u>N/A</u>	Transformers
<u>N/A</u>	Capacitors (appliances, electronic equipment)
<u>N/A</u>	Heat Transfer Equipment
<u>N/A</u>	Light Ballasts
<u>N/A</u>	Specialty Paints (such as for swimming pools or other industrial applications)
<u>N/A</u>	Sumps or Oil Traps (in maintenance and industrial facilities)

## OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>N/A</u>	Junk Auto Tires
<u>N/A</u>	Junk Vehicles

\* 5 Gas Meters on Exterior

## VIII. LABORATORY RESULTS



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 236054	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/30/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 06/04/2014	Project: HA
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2028

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
001a		Layered	White Stucco	Asbestos Not Present	NA	Sand CaCO3
002	2	Layered	Tan Stucco	Asbestos Not Present	NA	Sand CaCO3
002a		Layered	White Stucco	Asbestos Not Present	NA	Sand CaCO3
003	3	Layered	Tan Stucco	Asbestos Not Present	NA	Sand CaCO3
003a		Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
003b		Layered	White Stucco	Asbestos Not Present	NA	Sand CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 236054	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/30/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 06/04/2014	Project: HA
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2028

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004	4	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder
005	5	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder
006	6	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder
007	7	Homogeneous	White Plaster	Asbestos Not Present	NA	Gypsum Perlite Mica
008	8	Homogeneous	White Plaster	Asbestos Not Present	NA	Gypsum Perlite Mica
009	9	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
009a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite Mica

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 236054	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/30/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 06/04/2014	Project: HA
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2028

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10	Homogeneous	White Plaster	Asbestos Not Present	NA	Gypsum Perlite Mica
011	11	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
011a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite Mica
012	12	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
013	13	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

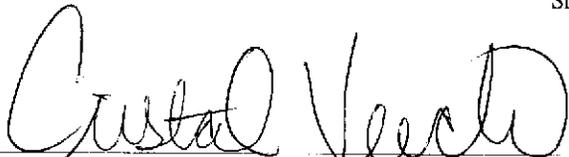


2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 236054	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/30/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 06/04/2014	Project: HA
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2028

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
014	14	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
014a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum

  
 Cristal Veech, Analyst

6/4/2014  
 Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only  
 Lab No. 236004  
 Accept  Reject

Report Results  one box  
 QuanTEM Website  
 Other email \_\_\_\_\_

Project Information  
 Project Name: HA  
 Project Location: Milwaukee, WI  
 Project ID: 14-200-042.2028  
 P.O. Number: \_\_\_\_\_

Contact Information  
 Company: Harenda Management Group  
 Contact: Dean Jacobsen  
 Account #: B929  
 Phone: (414) 383-4800  
 Cell Phone: \_\_\_\_\_  
 E-mail: djacobsen@harenda.com  
 Date: \_\_\_\_\_

RELINQUISHED BY <i>Dean Jacobsen</i>	DATE & TIME <u>5/29/14 8:20</u>	VIA <u>Fedex</u>	RECEIVED BY <i>J. Mueller</i>	DATE & TIME <u>5-30-14 9:47</u>
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### REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM	TEM	Turnaround Time
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input checked="" type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed	Description	Volume / Area (as applicable)	Comments / Notes
1		<input checked="" type="checkbox"/>			
2		<input type="checkbox"/>			
3		<input type="checkbox"/>			
4		<input type="checkbox"/>			
5		<input type="checkbox"/>			
6		<input type="checkbox"/>			
7		<input type="checkbox"/>			
8		<input type="checkbox"/>			
9		<input type="checkbox"/>			
10		<input checked="" type="checkbox"/>			



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For Lab Use Only
Lab No. <u>236054</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information		Project Name: HA	Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11				
12	12				
13	13				
14	14				
15					
16					
17					
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28					
29					
30					

## **IX. HMG CERTIFICATION**

# Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305  
NEW BERLIN WI 53151-2105

is certified under ch. HFS 159, Wis. Adm. Code as a

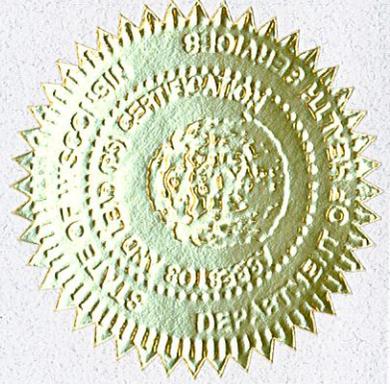
Asbestos Company - Primary

Certificate Issue Date: 09/11/2013  
Expiration Date: 08/31/2015, 12:01 a.m.  
Certification #: CAP-480540

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*  
Shelley A Bruce,  
Unit Supervisor





**ASBESTOS INSPECTOR**

Issued By

**STATE OF WISCONSIN**  
Dept. of Health Services

Eric Duane Christon  
10908 W Langlade St  
Milwaukee WI 53225-1319

		275 lbs	6' 01"
All-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015