



**ASBESTOS SNIP INSPECTION REPORT**


**Job Site:**

**Two Family Dwelling  
2773-73A North 36<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.: 14-200-061.2773-73A  
Contract No.: 360-14-0745**

  
\_\_\_\_\_  
Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**April 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 2773-73A North 36<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, cardboard pipe insulation, duct paper, linoleum, drywall, ceiling tile, and window glazing 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 April 3, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2773-73A North 36<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

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 except where friable.
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, cardboard pipe insulation, duct paper, linoleum, drywall, ceiling tile, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – <5” diameter cardboard pipe insulation gray layer	Positive 60% Chrysotile	15 Ln. Ft.	TC5
2a	Basement – <5” diameter cardboard pipe insulation gray layer	Positive 70% Chrysotile	Reference Sample 1	TC5
2b	Basement – <5” diameter cardboard pipe insulation brown layer	Negative	N/A	TC5
3	Basement – <5” diameter cardboard pipe insulation brown layer	Negative	N/A	TC5
4	Basement – on boot – duct paper 50 Sq. Ft. of 1 <sup>st</sup> floor hall contaminated	Positive 65% Chrysotile	15 Sq. Ft.	TDW
5	Basement – on boot – duct paper	Positive 65% Chrysotile	Reference Sample 4	TDW
6	Basement – on boot – duct paper	Positive 65% Chrysotile	Reference Sample 4	TDW
7	Basement – cementitious pipe insulation	Positive 6% Chrysotile	100 Ln. Ft.	TCI
8	Basement – cementitious pipe insulation	Positive 5% Chrysotile	Reference Sample 7	TCI
9	Basement – cementitious pipe insulation	Positive 5% Chrysotile	Reference Sample 7	TCI
10a	2 <sup>nd</sup> floor – kitchen – west wall – patch layer	Negative	N/A	SPI
10b	2 <sup>nd</sup> floor – kitchen – west wall – plaster	Negative	N/A	SPI
11	2 <sup>nd</sup> floor – southeast bedroom – north wall – plaster	Negative	N/A	SPI
12	1 <sup>st</sup> floor – living room – east wall – plaster	Negative	N/A	SPI
13	1 <sup>st</sup> floor – bathroom – south wall – plaster	Negative	N/A	SPI
14	1 <sup>st</sup> floor – dining room – west wall – plaster	Negative	N/A	SPI
15	1 <sup>st</sup> floor – kitchen – under floor tile – green linoleum	Positive 20% Chrysotile	210 Sq. Ft.	MFLg
16	1 <sup>st</sup> floor – pantry – under floor tile – green linoleum	Positive 20% Chrysotile	Reference Sample 15	MFLg
17	1 <sup>st</sup> floor – hall – green linoleum	Positive 20% Chrysotile	Reference Sample 15	MFLg
18	1 <sup>st</sup> floor – stair – brown linoleum Quantity includes 3 <sup>rd</sup> floor dining room	Positive 25% Chrysotile	550 Sq. Ft.	MFLn
19	3 <sup>rd</sup> floor – stair – brown linoleum	Positive 25% Chrysotile	Reference Sample 18	MFLn

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
20	3 <sup>rd</sup> floor – living room – brown linoleum	Positive 25% Chrysotile	Reference Sample 18	MFLn
21	2 <sup>nd</sup> floor – hall – tan linoleum	Negative	N/A	MFLt
22	2 <sup>nd</sup> floor – pantry – on counter – tan and brown linoleum	Positive 25% Chrysotile	15 Sq. Ft.	MFLtn
23a	3 <sup>rd</sup> floor – stair – ceiling – joint compound	Negative	N/A	MDW
23b	3 <sup>rd</sup> floor – stair – ceiling – joint compound layer 2	Negative	N/A	MDW
23c	3 <sup>rd</sup> floor – stair – ceiling – drywall	Negative	N/A	MDW
24	3 <sup>rd</sup> floor – living room – north wall – drywall	Negative	N/A	MDW
25a	3 <sup>rd</sup> floor – stair – ceiling – joint compound layer 2	Negative	N/A	MDW
25b	3 <sup>rd</sup> floor – dining room – east wall – drywall	Negative	N/A	MDW
26	2 <sup>nd</sup> floor – living room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
27	2 <sup>nd</sup> floor – southeast bedroom – 1' x 1' ceiling tile	Negative	N/A	MSCT11
28	2 <sup>nd</sup> floor – center bedroom – 1' x 1' ceiling tile	Negative	N/A	MSCT11
29	1 <sup>st</sup> floor – bathroom – on wall under tile – mastic	Negative	N/A	MWM
30	1 <sup>st</sup> floor – living room – on north window – glazing compound	Negative	N/A	MPG
31	2 <sup>nd</sup> floor – bedroom – on west window – glazing compound	Negative	N/A	MPG
32	3 <sup>rd</sup> floor – living room – on north window – glazing compound	Negative	N/A	MPG

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1 <sup>st</sup> / 2 <sup>nd</sup>	Dwelling	Asphalt Shingle Siding	3,000 Sq. Ft.
1 <sup>st</sup>	Entry/Kitchen/Pantry	Floor Tile & Mastic	200 Sq. Ft.
1 <sup>st</sup>	Bathroom/Hall/Stair	Floor Mastic	150 Sq. Ft.
2 <sup>nd</sup>	Kitchen/Bathroom	Floor Tile & Mastic	200 Sq. Ft.
2 <sup>nd</sup>	Stair/Hall/Pantry	Floor Mastic	120 Sq. Ft.
3 <sup>rd</sup>	Stair/Living Room/Dining Room	Floor Mastic	450 Sq. Ft.

### Homogeneous Material Codes

SPI	Plaster
MPG	Window Glazing Compound
MFLg	Green Linoleum
MFLn	Brown Linoleum
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MDW	Drywall/Joint Compound
MWM	Wall Mastic
MSCT11	1' x 1' Ceiling Tile
TC5	<5" Diameter Cardboard Pipe Insulation
TCI	<5" Diameter Cementitious Pipe Insulation
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 and pipe insulation 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>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 – 2 Furnaces 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

<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

\* 2 Gas Meters 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. 233944	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/08/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/11/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.2773

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 35	Binder
002	2	Layered	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 25	Binder
002a		Layered	Brown Insulation	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
004	4	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 20	Binder
005	5	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 25	Binder
006	6	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 25	Binder

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. 233944	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/08/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/11/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.2773

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	Gray Insulation	Asbestos Present Amosite 6	NA	CaCO3
008	8	Homogeneous	Gray Insulation	Asbestos Present Amosite 5	Cellulose <1	CaCO3
009	9	Homogeneous	Gray Insulation	Asbestos Present Amosite 5	NA	CaCO3
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
011	11	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
012	12	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 233944	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/08/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/11/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.2773

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
014	14	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
015	15	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose	5 Vinyl
016	16	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose	5 Vinyl
017	17	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose	5 Vinyl
018	18	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
019	19	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 233944	Client: Harendra Management Group
Account Number: B929	Jolene Harendra
Date Received: 04/08/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/11/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.2773

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
021	21	Homogeneous	Tan Flooring	Asbestos Not Present	NA	Vinyl
022	22	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
023	23	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
023b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
024	24	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Paint

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 233944	Client: Harena Management Group
Account Number: B929	Jolene Harena
Date Received: 04/08/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/11/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.2773

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
025a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
026	26	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
027	27	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
028	28	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
029	29	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue
030	30	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 233944

Account Number: B929

Date Received: 04/08/2014

Received By: Joanna Mueller

Date Analyzed: 04/11/2014

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-061.2773

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
032	32	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3

Gayle Ooten, Analyst

4/11/2014

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

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

<b>Contact Information</b>		<b>Project Information</b>	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	Report Results <input checked="" type="checkbox"/> one box
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	<input checked="" type="checkbox"/> QuanTEM Website
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 14-200-061.2773	<input type="checkbox"/> Other_email
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY: <i>[Signature]</i>	DATE & TIME: 4/7/14 1800	VIA: FedEx	RECEIVED BY: <i>[Signature]</i>	DATE & TIME: 4/8/14 10:00
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**REQUESTED SERVICES (Please check 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	<b>PCM</b>	<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	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"/>				



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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only	
Lab No. <u>233944</u>	Accept <input checked="" type="radio"/> Reject <input type="radio"/>

Project Information				Project Location: Milwaukee, WI		
Company: Harenda Management Group		Project Name: DNS				
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	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/Asstic
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input type="checkbox"/>				
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26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				
28	28	<input type="checkbox"/>				
29	29	<input type="checkbox"/>				
30	30	<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

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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. <u>233944</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)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input checked="" type="checkbox"/>				
33		<input type="checkbox"/>				
34		<input type="checkbox"/>				
35		<input type="checkbox"/>				
36		<input type="checkbox"/>				
37		<input type="checkbox"/>				
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41		<input type="checkbox"/>				
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46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T Jacobsen  
W1316781 Kipling Dr  
Monkego WI 53150-3401

		160 lbs	5' 08"
ALL-14370	Exp. 12/31/2014	12/12/1963	Male

Training due by: 12/01/2014

# 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

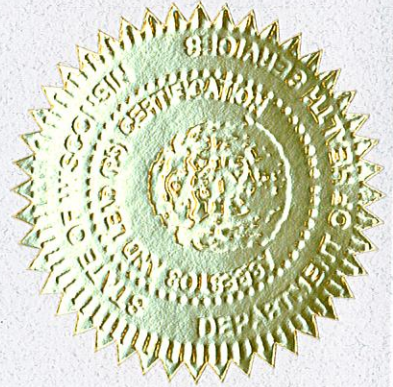
Asbestos Company - Primary

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 SNIP INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
Two Family Dwelling  
1443-45 North 37<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.: 14-200-061.1443  
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

**April 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 1443-45 North 37<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, aircell pipe insulation, tar paper, window glazing compound, and linoleum 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 April 3, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 1443-45 North 37<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

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, aircell pipe insulation, tar paper, window glazing compound, and linoleum. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – east side - <5” diameter aircell pipe insulation	Positive 80% Chrysotile	500 Ln. Ft.	TA5
2	Basement – west side - <5” diameter aircell pipe insulation	Positive 80% Chrysotile	Reference Sample 1	TA5
3	Basement – center - <5” diameter aircell pipe insulation	Positive 80% Chrysotile	Reference Sample 1	TA5
4	Exterior – south wall wood siding – tar paper	Negative	N/A	MPT
5	Exterior – east wall wood siding – tar paper	Negative	N/A	MPT
6	Exterior – west wall wood siding – tar paper	Negative	N/A	MPT
7	2 <sup>nd</sup> floor – living room – east wall – plaster	Negative	N/A	SPI
8a	2 <sup>nd</sup> floor – center bedroom – north wall – plaster skim coat	Negative	N/A	SPI
8b	2 <sup>nd</sup> floor – center bedroom – north wall – plaster base coat	Negative	N/A	SPI
9	Attic – stair - west wall – plaster skim coat	Negative	N/A	SPI
10a	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	N/A	SPI
10b	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	N/A	SPI
11a	1 <sup>st</sup> floor – dining room – west wall – plaster skim coat	Negative	N/A	SPI
11b	1 <sup>st</sup> floor – dining room – west wall – plaster base coat	Negative	N/A	SPI
12	2 <sup>nd</sup> floor – dining room – north window – glazing compound	Negative	N/A	MPG
13	2 <sup>nd</sup> floor – stair – south window – glazing compound	Negative	N/A	MPG
14	1 <sup>st</sup> floor – dining room – north window – glazing compound	Negative	N/A	MPG
15	2 <sup>nd</sup> floor – hall – under floor tile – brown linoleum	Negative	N/A	MFLn
16	2 <sup>nd</sup> floor – rear stair landing – black linoleum	Positive 25% Chrysotile	30 Sq. Ft.	MFLk
17	2 <sup>nd</sup> floor – bathroom – under floor tile – yellow linoleum	Negative	N/A	MFLI
18	1 <sup>st</sup> floor – bathroom – under floor tile – blue and white linoleum	Negative	N/A	MFLbw
19	1 <sup>st</sup> floor – pantry – under floor tile – multicolored linoleum <i>Quantity includes 2<sup>nd</sup> floor pantry</i>	Positive 25% Chrysotile	60 Sq. Ft.	MFLm

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

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

<b>Floor Level</b>	<b>Location</b>	<b>Description</b>	<b>Approximate Quantity</b>
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1 <sup>st</sup>	Entry/Kitchen/Bathroom/ Stair/Pantry	Floor Tile & Mastic	250 Sq. Ft.
2 <sup>nd</sup>	All Rooms	Floor Tile & Mastic	950 Sq. Ft.

**Homogeneous Material Codes**

- SPI Plaster
- MPT Tar Paper
- MPG Window Glazing Compound
- MFLk Black Linoleum
- MFLn Brown Linoleum
- MFLl Yellow Linoleum
- MFLbw Blue & White Linoleum
- MFLm Multicolored Linoleum
- TA5 <5" Diameter Aircell Pipe Insulation

**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 aircell 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>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 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 – 1 Electric Meter 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>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. 233884	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/07/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/10/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.1443

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder
002	2	Homogeneous	White Insulation	Asbestos Present Chrysotile 80	NA	Binder
003	3	Homogeneous	White Insulation	Asbestos Present Chrysotile 80	NA	Binder
004	4	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	White Plaster	Asbestos Not Present	Hair 3	Sand Gypsum

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. 233884	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/07/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/10/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.1443

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint
008a		Layered	Light Gray Plaster	Asbestos Not Present	Hair 2	Sand CaCO3
009	9	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
010	10	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
011	11	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
011a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 233884	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/07/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/10/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.1443

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
013	13	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
014	14	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
015	15	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
016	16	Homogeneous	Black Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
017	17	Homogeneous	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
018	18	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl

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

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 233884

Account Number: B929

Date Received: 04/07/2014

Received By: Joanna Mueller

Date Analyzed: 04/10/2014

Analyzed By: Cristal Veech

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-061.1443

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Homogeneous	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl

Cristal Veech, Analyst

4/10/2014

Date of Report

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

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www.QuanTEM.com

For Lab Use Only
Lab No. <b>233889</b>
<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject
Report Results <input checked="" type="checkbox"/> one box <input type="checkbox"/> Quantem Website
<input type="checkbox"/> Other email

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 14-200-061.1443	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	4/4/14 1800	FedEx	<i>E. Muelle</i>	4/7/14 1030

### REQUESTED SERVICES (Please 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"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count			<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 24 - Hour	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Gravimetric Preparation			<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Other		<input checked="" type="checkbox"/> 3 - Day	<input type="checkbox"/> 5 - Day
<input type="checkbox"/> Particle ID			<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043				

No.	Sample ID (10 Characters Max)	To Be Analyzed	Description	Color	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"/>				



**ASBESTOS CHAIN OF CUSTODY**

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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only
Lab No. <u>235884</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

Project Information						
Company: <b>Harenda Management Group</b>		Project Name: <b>DNS</b>		Project Location: <b>Milwaukee, WI</b>		
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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 type="checkbox"/>				
20		<input type="checkbox"/>				
21		<input type="checkbox"/>				
22		<input type="checkbox"/>				
23		<input type="checkbox"/>				
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27		<input type="checkbox"/>				
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29		<input type="checkbox"/>				
30		<input type="checkbox"/>				



## **IX. HMG CERTIFICATION**



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T Jacobsen  
W1316781 Kipling Dr  
Monkego WI 53150-3401

		160 lbs	5' 08"
ALL-14370	Exp. 12/31/2014	12/12/1963	Male

Training due by: 12/01/2014

# Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

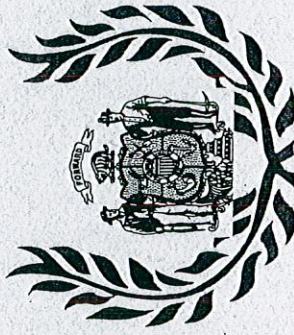
PO BOX 511305  
NEW BERLIN WI 53151-2105

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

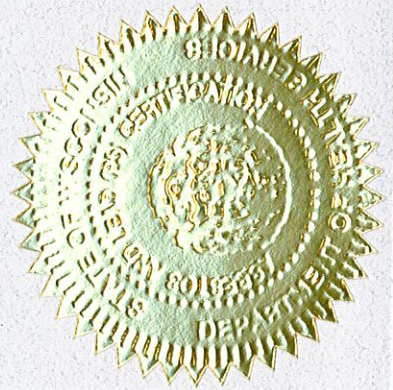
Asbestos Company - Primary

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 SNIP INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
Two Family Dwelling  
5268 North 38<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.: 14-200-061.5268  
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

**April 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 5268 North 38<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, duct paper, tar paper, single siding, window glazing compound, linoleum, ceramic tile, 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 April 4, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 5268 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

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 except where friable.
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, drywall/joint compound, duct paper, tar paper, single siding, window glazing compound, linoleum, ceramic tile, flue packing, and ceiling tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
<b>1</b>	<b>1<sup>st</sup> floor – dining room – on east wall duct – duct paper</b>	<b>Positive 75% Chrysotile</b>	<b>30 Sq. Ft.</b>	<b>TDW</b>
2a	1 <sup>st</sup> floor – back entry – ceiling – joint compound	Negative	N/A	MDW
2b	1 <sup>st</sup> floor – back entry – ceiling – drywall	Negative	N/A	MDW
3a	1 <sup>st</sup> floor – west bedroom – north wall – joint compound	Negative	N/A	MDW
3b	1 <sup>st</sup> floor – west bedroom – north wall – drywall	Negative	N/A	MDW
4a	1 <sup>st</sup> floor – hall – north wall – joint compound	Negative	N/A	MDW
4b	1 <sup>st</sup> floor – hall – north wall – drywall	Negative	N/A	MDW
5	Exterior – west wall under wood siding – tar paper	Negative	N/A	MPT
6	Exterior – north wall under wood siding – tar paper	Negative	N/A	MPT
7	Exterior – south wall under wood siding – tar paper	Negative	N/A	MPT
8	Exterior – west wall under vinyl siding – shingle siding	Negative	N/A	MSS
9	Exterior – north wall under vinyl siding – shingle siding	Negative	N/A	MSS
10	Exterior – south wall under vinyl siding – shingle siding	Negative	N/A	MSS
11	Basement – north window – glazing compound	Negative	N/A	MPG
12	2 <sup>nd</sup> floor – stair – black linoleum	Negative	N/A	MFLk
13	1 <sup>st</sup> floor – kitchen – on walls – white ceramic tile	Negative	N/A	MCTMw
<b>14</b>	<b>Basement – on chimney – flue packing</b>	<b>Positive 70% Chrysotile</b>	<b>3 Sq. Ft.</b>	<b>TFP</b>
15	Basement – north wall – plaster #2	Negative	N/A	SPI2
16	Basement – north wall – plaster #2	Negative	N/A	SPI2
17	Basement – north wall – plaster #2	Negative	N/A	SPI2
<b>18a</b>	<b>2<sup>nd</sup> floor – pantry – under floor tile – white linoleum</b>	<b>Positive 75% Chrysotile</b>	<b>30 Sq. Ft.</b>	<b>MFLw</b>
18b	2 <sup>nd</sup> floor – pantry – under linoleum – paper insulation	Negative	N/A	MFLw
19	1 <sup>st</sup> floor – kitchen – 1' x 1' ceiling tile	Negative	N/A	MSCT11

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
20	2 <sup>nd</sup> floor – living room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
21	2 <sup>nd</sup> floor – bedroom – 1' x 1' ceiling tile	Negative	N/A	MSCT11
22	2 <sup>nd</sup> floor – west bedroom – ceiling – plaster	Negative	N/A	SPI
23a	2 <sup>nd</sup> floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
23b	2 <sup>nd</sup> floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
24a	2 <sup>nd</sup> floor – stair – south wall – plaster skim coat	Negative	N/A	SPI
24b	2 <sup>nd</sup> floor – stair – south wall – plaster base coat	Negative	N/A	SPI
25a	1 <sup>st</sup> floor – living room – west wall – plaster skim coat	Negative	N/A	SPI
25b	1 <sup>st</sup> floor – living room – west wall – plaster base coat	Negative	N/A	SPI
26a	1 <sup>st</sup> floor – hall – east wall – plaster skim coat	Negative	N/A	SPI
26b	1 <sup>st</sup> floor – hall – east wall – plaster base coat	Negative	N/A	SPI

**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	1,200 Sq. Ft.
2 <sup>nd</sup>	Stair/Kitchen/Pantry	Floor & Wall Mastic	300 Sq. Ft.

#### Homogeneous Material Codes

SPI	Plaster
SPI2	Plaster #2
MDW	Drywall/Joint Compound
MPG	Window Glazing Compound
MPT	Tar Paper
MSS	Shingle Siding
MFLk	Black Linoleum
MFLw	White Linoleum
MCTMw	White Ceramic Tile
MSCT11	1' x 1' Ceiling Tile
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

**All floors covered with fire debris and only partially accessible. 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>1</u>	Air Conditioners (roof top, <b>room</b> , and central) – 2 <sup>nd</sup> Floor Kitchen
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>3</u>	<b>Refrigerators, Freezers, Chillers</b> – 1 <sup>st</sup> & 2 <sup>nd</sup> Floor Kitchens, Basement
<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**

- N/A Fluorescent Lights
- N/A High Intensity Discharge
  - Metal Halide
  - High Pressure Sodium
  - Mercury Vapor
- N/A Neon
- N/A 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**

- N/A Old Thermostats
- N/A Aquastats
- N/A Firestats
- N/A Manometers
- N/A Thermometers

### **BOILERS, FURNACES, HEATERS AND TANKS – 3 Furnaces & 2 Water Heaters in Basement**

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

\* 2 Gas Meters on Exterior

\* 1 Water Meter 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. 233910	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/07/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/14/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-061.5268

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 10	Binder
002	2	Layered	White Joint Compound	Asbestos Not Present	NA	Gypsum CaCO3 Perlite
002a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
003	3	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
003a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
004	4	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
004a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum

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: 14-200-061.5268

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	5	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 100	
008	8	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 70	Tar Sand
009	9	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 70	Tar Sand
010	10	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 70	Tar
011	11	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Homogeneous	Black Mastic	Asbestos Not Present	Cellulose 10	Tar
013	13	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
014	14	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 10 Glass Fiber 10	Binder
015	15	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
016	16	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
017	17	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
018	18	Layered	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 5	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
019	19	Homogeneous	Black Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
020	20	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose 100	
021	21	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 95	Paint
022	22	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
023	23	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint
023a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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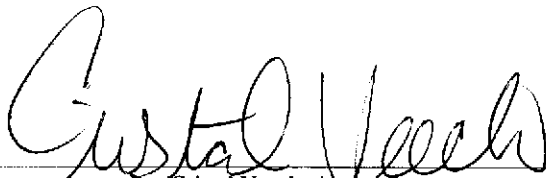


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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand CaCO3
024a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
025	25	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum CaCO3
025a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
026a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

  
 Cristal Veech, Analyst

4/14/2014  
 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

www.QuanTEM.com

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only  
 Lab No. 233910  
 Accept  Reject  
 Report Results  one box  
 QuanTEM Website  
 Other\_email

<b>Contact Information</b> Company: <b>Harenda Management Group</b> Contact: <b>Dean Jacobsen</b> Account #: <b>B929</b> SAILED BY: Name: _____		<b>Project Information</b> Project Name: <b>DNS</b> Project Location: <b>Milwaukee, WI</b> Project ID: <b>14-200-061.5268</b> P.O. Number: _____	
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<b>RELINQUISHED BY</b> 	<b>DATE &amp; TIME</b> 4/4/14 1800	<b>VIA</b> FedEx	<b>RECEIVED BY</b> 	<b>DATE &amp; TIME</b> 4/17/14 10:30
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### REQUESTED SERVICES (Please check the Appropriate Boxes)

PLM	PLM	TEM		TEM	TURNAROUND TIME		
		Air- AHERA	Air- NIOSH 7402		Bulk- Presence / Absence EPA600/R-93/116	Rush	Bulk- Quantitative (weight%) - Chatfield
<input checked="" type="checkbox"/>	Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	400 Point Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	1000 Point Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Gravimetric Preparation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Particle ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>				



**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: 2233910  
 Accept  Reject

Project Information		Project Name: DNS	Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	Color	Description	Volume / Area (as applicable)	Comments / Notes
11					
12					
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Do Not Test/Analyze  
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## **IX. HMG CERTIFICATION**



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T Jacobsen  
W1316781 Kipling Dr  
Monkego WI 53150-3401

		160 lbs	5' 08"
ALL-14370	Exp. 12/31/2014	12/12/1963	Male

Training due by: 12/01/2014

# 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

