



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Three Family Dwelling  
1240 South 19<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.: 15-400-004.1240  
Contract No.: 360-15-0745**

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

**March 2015**

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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 1240 South 19<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, linoleum, window glazing compound, transite siding, tar paper, 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 and NR 447 of the Wisconsin Administrative Code*.

## 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 March 6, 2015, HMG conducted an asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 1240 South 19<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Craig Dekutowski, Wisconsin License No. AII – 500.**

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, drywall/joint compound, linoleum, window glazing compound, transite siding, tar paper, and ceiling tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	2 <sup>nd</sup> floor – front room – north wall – joint compound patch	Negative	MJC
1b	2 <sup>nd</sup> floor – front room – north wall – plaster skim coat	Negative	SPI
1c	2 <sup>nd</sup> floor – front room – north wall – plaster base coat	Negative	SPI
2a	2 <sup>nd</sup> floor – northwest room – south wall – joint compound patch	Negative	MJC
2b	2 <sup>nd</sup> floor – northwest room – south wall – plaster skim coat	Negative	SPI
2c	2 <sup>nd</sup> floor – northwest room – south wall – plaster base coat	Negative	SPI
3a	2 <sup>nd</sup> floor – north bedroom – east wall – joint compound patch	Negative	MJC
3b	2 <sup>nd</sup> floor – north bedroom – east wall – plaster skim coat	Negative	SPI
3c	2 <sup>nd</sup> floor – north bedroom – east wall – plaster base coat	Negative	SPI
4a	1 <sup>st</sup> floor – dining room – south wall – joint compound patch	Negative	MJC
4b	1 <sup>st</sup> floor – dining room – south wall – plaster skim coat	Negative	SPI
4c	1 <sup>st</sup> floor – dining room – south wall – plaster base coat	Negative	SPI
5a	1 <sup>st</sup> floor – kitchen – west wall – joint compound patch	Negative	MJC
5b	1 <sup>st</sup> floor – kitchen – west wall – plaster skim coat	Negative	SPI
5c	1 <sup>st</sup> floor – kitchen – west wall – plaster base coat	Negative	SPI
6a	1 <sup>st</sup> floor – front room – west wall – joint compound patch	Negative	MJC
6b	1 <sup>st</sup> floor – front room – west wall – plaster skim coat	Negative	SPI
6c	1 <sup>st</sup> floor – front room – west wall – plaster base coat	Negative	SPI
7a	1 <sup>st</sup> floor – south bedroom – south wall – joint compound patch	Negative	MJC
7b	1 <sup>st</sup> floor – south bedroom – south wall – plaster skim coat	Negative	SPI
7c	1 <sup>st</sup> floor – south bedroom – south wall – plaster base coat	Negative	SPI
8	1 <sup>st</sup> floor – bathroom – west wall – drywall	Negative	MDW
9a	1 <sup>st</sup> floor – kitchen – ceiling – joint compound	Negative	MDW
9b	1 <sup>st</sup> floor – kitchen – ceiling – drywall	Negative	MDW
10a	1 <sup>st</sup> floor – north bedroom – south wall – joint compound	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
10b	1 <sup>st</sup> floor – north bedroom – south wall – drywall	Negative	MDW
11	2 <sup>nd</sup> floor – kitchen – under floor tile – white linoleum	Negative	MFLw
12	2 <sup>nd</sup> floor – back room – under plywood – white linoleum	Negative	MFLw
13	2 <sup>nd</sup> floor – northwest bedroom – under floor tile – white linoleum	Negative	MFLw
14	2 <sup>nd</sup> floor – back room – on window – glazing compound	Negative	MPG
15	1 <sup>st</sup> floor – northwest bedroom – on window – glazing compound	Negative	MPG
16	1 <sup>st</sup> floor – bathroom – on window – glazing compound	Negative	MPG
17	<b>Exterior – west wall – transite siding</b>	<b>Positive 15% Chrysotile, 8% Amosite</b>	<b>MTP</b>
18	<b>Exterior – east wall – transite siding</b>	<b>Positive 15% Chrysotile, 8% Amosite</b>	<b>MTP</b>
19	<b>Exterior – south wall – transite siding</b>	<b>Positive 15% Chrysotile, 8% Amosite</b>	<b>MTP</b>
20	Exterior – west wall under transite – tar paper	Negative	MPT
21	Exterior – east wall under transite – tar paper	Negative	MPT
22	Exterior – south wall under transite – tar paper	Negative	MPT
23	1 <sup>st</sup> floor – northeast bedroom – 2' x 4' ceiling tile	Negative	MSCT24
24a	2 <sup>nd</sup> floor – bathroom – brown linoleum	Negative	MFLn
24b	2 <sup>nd</sup> floor – bathroom – under linoleum – mastic	Negative	MFLn
25a	1 <sup>st</sup> floor – east kitchen – top layer – cream linoleum	Negative	MFLc
25b	1 <sup>st</sup> floor – east kitchen – 2 <sup>nd</sup> layer – beige linoleum	Negative	MFLe
25c	1 <sup>st</sup> floor – east kitchen – 3 <sup>rd</sup> layer – tan linoleum	Negative	MFLt
25d	1 <sup>st</sup> floor – east kitchen – 4 <sup>th</sup> layer – tan and brown linoleum	Negative	MFLtn
25e	1 <sup>st</sup> floor – east kitchen – 5 <sup>th</sup> layer – yellow linoleum	Negative	MFLl
25f	1 <sup>st</sup> floor – east kitchen – 6 <sup>th</sup> layer – white and beige linoleum	Negative	MFLwe
25g	1 <sup>st</sup> floor – east kitchen – 6 <sup>th</sup> layer – under white and beige linoleum – mastic	Negative	MFLwe
25h	1 <sup>st</sup> floor – east kitchen – 7 <sup>th</sup> layer – leveling compound	Negative	MLC

The following material sampled was found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Transite Siding	MTP	Exterior Walls	1,900 Sq. Ft.

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

<b>Floor Level</b>	<b>Location</b>	<b>Description</b>	<b>Quantity</b>
Roof	Dwelling	Asphalt Shingles & Flashing	1,200 Sq. Ft.
1 <sup>st</sup>	Bathrooms/West Kitchen	Floor Tile & Mastic	600 Sq. Ft.
2 <sup>nd</sup>	Front Room/Kitchen/Bedrooms	Floor Tile & Mastic	850 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
MJC	Joint Compound Patch
MDW	Drywall/Joint Compound
MFLw	White Linoleum
MFLn	Brown Linoleum
MFLc	Cream Linoleum
MFLe	Beige Linoleum
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MFLwe	White & Beige Linoleum
MFLI	Yellow Linoleum
MPG	Glazing Compound
MTP	Transite
MPT	Tar Paper
MSCT24	2' x 4' Ceiling Tile

**Note#1:** Transite siding is a category II non-friable material and must be abated by a Wisconsin certified asbestos company prior to demolition. Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

**Note#2:** 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#3:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the demolition contractor.

**V. EXCLUSIONS**

**No access to basement or 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>1</u>	<b>Refrigerators</b> , Freezers, Chillers – 1 <sup>st</sup> Floor Front Room
<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

## VIII. LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 247315	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/09/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/10/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1240

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
001b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
002	2	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
002a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
002b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
003	3	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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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003a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
003b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
004	4	Layered	White Texture	Asbestos Not Present	NA	Talc CaCO3 Paint
004a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
004b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
005	5	Layered	White Texture	Asbestos Not Present	NA	Talc CaCO3 Paint

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
005b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	6	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
006b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	7	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007b		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
008	8	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Paint
009	9	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum
010	10	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11	Homogeneous	Cream Linoleum	Asbestos Not Present	Cellulose 25	Tar Vinyl
012	12	Homogeneous	Cream Linoleum	Asbestos Not Present	Cellulose 25	Tar Vinyl
013	13	Homogeneous	Cream Linoleum	Asbestos Not Present	Cellulose 25	Tar Vinyl
014	14	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
015	15	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
016	16	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
017	17	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15 Amosite 8	NA	CaCO3

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15 Amosite 8	NA	CaCO3
019	19	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15 Amosite 8	NA	CaCO3
020	20	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
021	21	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
022	22	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
023	23	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
024a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
025	25	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025a		Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025b		Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025c		Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025d		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl

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Date Received: 03/09/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/10/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1240

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025e		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
025f		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
025g		Layered	White Leveling Compound	Asbestos Not Present	NA	Gypsum CaCO3

Gayle Ooten, Analyst

3/10/2015

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

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For Lab Use Only  
 Lab No. 247315  
 Accept  Reject

Report Results ( one box)  
 QuanTEM Website  
 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: 15-400-004.1240	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	FedEx	<i>Judy Rowan</i>	3/6/15 1800
			3/19/15 10:15

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 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	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

LABORATORIES  
www.QuanTEM.com

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For Lab Use Only
Lab No. <u>247315</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)	<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"/>				
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"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input checked="" 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

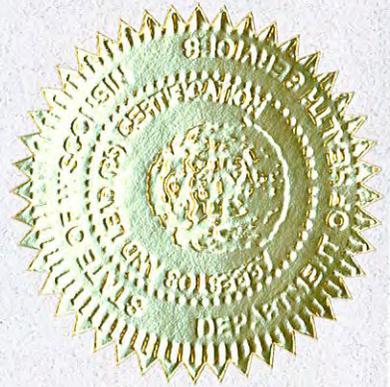
Asbestos Company - Primary

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



**15-199**

**Cert. No.**

# **Certificate of Completion**

**Craig Dekutowski**

*Has completed and satisfactorily passed an examination covering the contents of the course title listed below.*

*This training course complies with the requirements of TSCA Title II and is accredited by the State of Wisconsin Department of Health Services under ch. DHS 159 Wis. Adm. Code.*



**Course: Refresher Asbestos Inspector**

**S.A. Herbst & Associates**

*1237 West Bruce Street \* Milwaukee, WI 53204 \* (414) 727-7900*

*Class Location: 1237 W. Bruce Street, Milwaukee WI 53204*

*Kenneth A. Marena DD*

*Instructor/Trainer Name*

*Kenneth A. Marena*

*Signature*

February 6, 2015

*Examination Date*

*Course Date: 2/6/15*

*Certificate Issued: February 6, 2015*

February 6, 2016

*Expiration Date*



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Commercial Garage  
2930 West Burleigh 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.: 14-200-042.2930B  
Contract No.: 360-14-0745**

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

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

**Prepared by:**

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

**September 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 building at 2930 West Burleigh Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco, floor tile, ceiling tile, aircell insulation, vinyl wallbase, and tar paper 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 September 2, 2014 HMG conducted an asbestos inspection of a commercial garage, scheduled for mechanical demolition, located at 2930 West Burleigh 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 except where on concrete.
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, floor tile, ceiling tile, aircell insulation, vinyl wallbase, and tar paper. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – at west door – stucco	Negative	N/A	STC
2	1 <sup>st</sup> floor – on east window – glazing compound	Negative	N/A	MPG
3	1 <sup>st</sup> floor – on north window – glazing compound	Negative	N/A	MPG
4	2 <sup>nd</sup> floor – on west window – glazing compound	Negative	N/A	MPG
3	1 <sup>st</sup> floor – living room – west wall – plaster	Negative	N/A	SP1
5a	1 <sup>st</sup> floor – service area – south side – 12” tan floor tile	Negative	N/A	MF12t
5b	1 <sup>st</sup> floor – service area – south side – under floor tile – tan mastic	Negative	N/A	MF12t
6a	1 <sup>st</sup> floor – service area – east side – 12” tan floor tile	Negative	N/A	MF12t
6b	1 <sup>st</sup> floor – service area – east side – under floor tile – tan mastic	Negative	N/A	MF12t
7a	1 <sup>st</sup> floor – service area – west side – 12” tan floor tile	Negative	N/A	MF12t
7b	1 <sup>st</sup> floor – service area – west side – under floor tile – tan mastic	Negative	N/A	MF12t
<b>8a</b>	<b>1<sup>st</sup> floor – northeast storage room – 9” tan floor tile on concrete</b>	<b>Positive 8% Chrysotile</b>	<b>380 Sq. Ft</b>	<b>MF9t</b>
<b>8a</b>	<b>1<sup>st</sup> floor – northeast storage room – under floor tile on concrete – black mastic</b>	<b>Positive 6% Chrysotile</b>	<b>380 Sq. Ft</b>	<b>MF9t</b>
<b>9a</b>	<b>1<sup>st</sup> floor – northeast storage room – 9” tan floor tile on concrete</b>	<b>Positive 8% Chrysotile</b>	<b>Reference Sample 8a</b>	<b>MF9t</b>
<b>9a</b>	<b>1<sup>st</sup> floor – northeast storage room – under floor tile on concrete – black mastic</b>	<b>Positive 6% Chrysotile</b>	<b>Reference Sample 8b</b>	<b>MF9t</b>
<b>10a</b>	<b>1<sup>st</sup> floor – entry – 9” tan floor tile on concrete</b>	<b>Positive 8% Chrysotile</b>	<b>Reference Sample 8a</b>	<b>MF9t</b>
<b>10a</b>	<b>1<sup>st</sup> floor – entry – under floor tile on concrete – black mastic</b>	<b>Positive 6% Chrysotile</b>	<b>Reference Sample 8b</b>	<b>MF9t</b>
11	1 <sup>st</sup> floor – office 2– 1’ x 1’ smooth ceiling tile	Negative	N/A	MSCT11S
12	1 <sup>st</sup> floor – office 2– 1’ x 1’ smooth ceiling tile	Negative	N/A	MSCT11S
13	1 <sup>st</sup> floor – west garage – 1’ x 1’ smooth ceiling tile	Negative	N/A	MSCT11S
14	1 <sup>st</sup> floor – east storage – 1’ x 1’ grooved ceiling tile	Negative	N/A	MSCT11G
<b>15</b>	<b>1<sup>st</sup> floor – east garage - &lt;5” diameter aircell pipe insulation</b>	<b>Positive 80% Chrysotile</b>	<b>See Note #4</b>	<b>TA</b>

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16	1 <sup>st</sup> floor – west garage - <5” diameter aircell pipe insulation	Positive 80% Chrysotile	See Note #4	TA
17	1 <sup>st</sup> floor – northwest office - <5” diameter aircell pipe insulation	Positive 80% Chrysotile	See Note #4	TA
18a	1 <sup>st</sup> floor – office 1 – 4” vinyl wallbase	Negative	N/A	MV4
18b	1 <sup>st</sup> floor – office 1 – under wallbase – brown mastic	Negative	N/A	MV4
19a	2 <sup>nd</sup> floor – south room – 4” vinyl wallbase	Negative	N/A	MV4
19b	2 <sup>nd</sup> floor – south room – under wallbase – brown mastic	Negative	N/A	MV4
20a	2 <sup>nd</sup> floor – south room – 4” vinyl wallbase	Negative	N/A	MV4
20b	2 <sup>nd</sup> floor – south room – under wallbase – brown mastic	Negative	N/A	MV4
21a	1 <sup>st</sup> floor – northwest office – north wall – plaster skim coat	Negative	N/A	SPI
21b	1 <sup>st</sup> floor – northwest office – north wall – plaster base coat	Negative	N/A	SPI
22a	1 <sup>st</sup> floor – office 1 – east wall – plaster skim coat	Negative	N/A	SPI
22b	1 <sup>st</sup> floor – office 1 – east wall – plaster base coat	Negative	N/A	SPI
23a	1 <sup>st</sup> floor – office 2 – west wall – plaster skim coat	Negative	N/A	SPI
23b	1 <sup>st</sup> floor – office 2 – west wall – plaster base coat	Negative	N/A	SPI
24	2 <sup>nd</sup> floor – office area – west side – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
25	2 <sup>nd</sup> floor – office area – center – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
26	2 <sup>nd</sup> floor – office area – east side – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
27	2 <sup>nd</sup> floor – office area – east side – under wood floor – tar paper	Negative	N/A	MPT
28	2 <sup>nd</sup> floor – office area – center – under wood floor – tar paper	Negative	N/A	MPT
29	2 <sup>nd</sup> floor – office area – west side – under wood floor – tar paper	Negative	N/A	MPT

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Garage	Built up Roofing & Flashing	8,500 Sq. Ft.
2 <sup>nd</sup>	Office Area	Floor Tile & Mastic	2,000 Sq. Ft.

### Homogeneous Material Codes

SPI	Plaster
STC	Stucco
MPG	Glazing Compound
MF12t	12” Tan Floor Tile
MF9t	9” Tan Floor Tile
MSCT11S	1’ x 1’ Smooth Ceiling Tile
MSCT11G	1’ x 1’ Grooved Ceiling Tile
MSCT24	2’ x 4’ Ceiling Tile
MV4	4” Vinyl Wallbase

### Homogeneous Material Codes

MPT	Tar Paper
TA	Aircell 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:** Approximately 55 Linear feet aircell insulation on pipes observed in 1<sup>st</sup> floor rooms. Approximately 3,800 square feet of aircell debris floors in four 1<sup>st</sup> floor rooms co-mingled with paint cans and other debris.

## 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**

<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>20</u>	Junk Auto Tires – Exterior, East & Garages
<u>N/A</u>	Junk Vehicles

\* 1 Gas Meter on Northeast Storage Room

\* 430 Gallons Paint 1<sup>st</sup> Floor

## 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. 240600	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/08/2014	1237 West Bruce St.
Received By: Leigh Armstrong	Milwaukee, WI 53204
Date Analyzed: 09/10/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2930B

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
002	2	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3
003	3	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3
004	4	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3
005	5	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
005a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
006	6	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl 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. 240600

Account Number: B929

Date Received: 09/08/2014

Received By: Leigh Armstrong

Date Analyzed: 09/10/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

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

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2930B

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
007	7	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
007a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
008	8	Layered	Light Brown Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
008a		Layered	Black Mastic	Asbestos Present Chrysotile 6	NA	Tar
009	9	Layered	Light Brown Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
009a		Layered	Black Mastic	Asbestos Present Chrysotile 6	NA	Tar

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. 240600	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/08/2014	1237 West Bruce St.
Received By: Leigh Armstrong	Milwaukee, WI 53204
Date Analyzed: 09/10/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2930B

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10	Layered	Light Brown Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
010a		Layered	Black Mastic	Asbestos Present Chrysotile 6	NA	Tar
011	11	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
012	12	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
013	13	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
014	14	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
015	15	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Glue

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. 240600	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/08/2014	1237 West Bruce St.
Received By: Leigh Armstrong	Milwaukee, WI 53204
Date Analyzed: 09/10/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2930B

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Glue
017	17	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Glue
018	18	Layered	Brown Cove Base	Asbestos Not Present	NA	Vinyl
018a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
019	19	Layered	Brown Cove Base	Asbestos Not Present	NA	Vinyl
019a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
020	20	Layered	Brown Cove Base	Asbestos Not Present	NA	Vinyl

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. 240600

Account Number: B929

Date Received: 09/08/2014

Received By: Leigh Armstrong

Date Analyzed: 09/10/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Dean Jacobsen

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2930B

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
021	21	Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand Paint
021a		Layered	White Plaster	Asbestos Not Present	NA	Quartz Sand
022	22	Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand Paint
022a		Layered	White Plaster	Asbestos Not Present	NA	Quartz Sand
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
023a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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. 240600	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/08/2014	1237 West Bruce St.
Received By: Leigh Armstrong	Milwaukee, WI 53204
Date Analyzed: 09/10/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2930B

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
024	24	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
025	25	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
026	26	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
027	27	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
028	28	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
029	29	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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. 240600

Account Number: B929

Date Received: 09/08/2014

Received By: Leigh Armstrong

Date Analyzed: 09/10/2014

Analyzed By: Sandy Baker

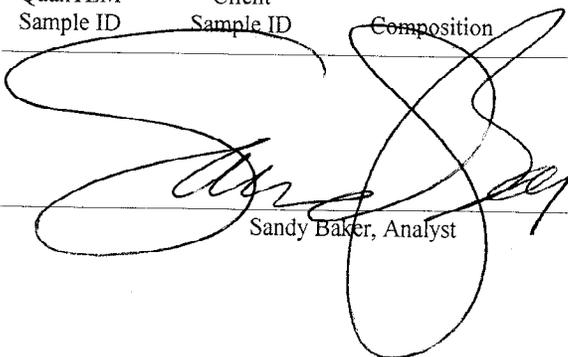
Methodology: EPA/600/R-93/116

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

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2930B

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
				9/10/2014		
Sandy Baker, Analyst				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

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## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only

Lab No. 240600

Accept  Reject

Report Results (  one box )

QuanTEM Website

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: 14-200-042.2930B	
SAMPLED BY: <u>Dean Jacobsen</u>	Name:	PO. Number:	

RELINQUISHED BY: <u>Dean Jacobsen</u>	DATE & TIME: <u>9/5/14 1700</u>	VIA: <u>FedEx</u>	RECEIVED BY: <u>dsting</u>	DATE & TIME: <u>9/8/14 10:00</u>
---------------------------------------	---------------------------------	-------------------	----------------------------	----------------------------------

REQUESTED SERVICES (Please  the Appropriate Boxes)

PLM	PLM	TEM	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 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 checked="" 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. 240600

Accept  Reject

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
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"/>				
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"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input type="checkbox"/>				
26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				Do Not Test Muste
28	28	<input type="checkbox"/>				↓
29	29	<input checked="" 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

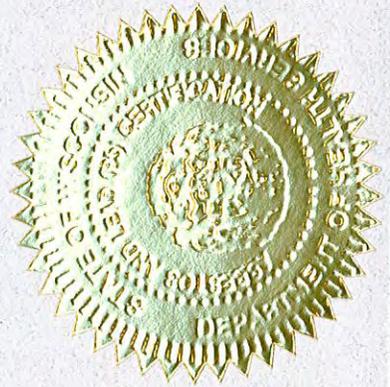
Asbestos Company - Primary

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



**LEAD BASED PAINT  
INSPECTION REPORT**

**Job Site:**

**Commercial Garage  
2930 West Burleigh 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.: 14-200-042.2930BL  
Contract No.: 360-14-0745**

A handwritten signature in black ink, appearing to read "Dean Jacobsen", is positioned above a horizontal line.

Dean Jacobsen  
Lead Risk Assessor # LRA 14370

**Prepared by:**

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

**September 2014**

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A. Summary

B. Tests Results of Components

C. Summary of OSHA Lead Based Paint Regulations

D. Summary of Wisconsin Department of Natural Resources Information

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IV. Laboratory Results ..... 5

## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct a preliminary survey for possible Lead Based Paint on the concrete and masonry surfaces at the following location: **2930 West Burleigh Street, Milwaukee, Wisconsin, commercial garage**. Demolition is planned for the building. Enclosed you will find a summary of the paint testing at the above referenced location. All other areas/materials were excluded from this scope of work.

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint is present in the building, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust.

The testing took place on September 2, 2014. Samples of paint were collected from masonry surfaces (concrete, brick, and block) representing all observed paint colors. Samples were analyzed at Quantem Laboratories of Oklahoma City, Oklahoma, for total lead content using USEPA Method 7000B (Reference Section II for results).

The Wisconsin Administrative Code (DHS 163) defines lead-based paint as having a surface concentration of lead that is more than 0.06% of lead per weight of a paint chip sample.

**The results of the analysis was classified as follows:**

- Positive:** Any result above the HFS 163 Standard of 0.06% lead.
- Negative:** Any result at or below the HFS 163 Standard of 0.06% lead.

## II. COMPONENT TESTING

### A. Summary

In an effort to develop a painting history of the building, masonry was tested for the presence of lead based paint.

#### **Exterior: 2930 West Burleigh Street**

- **Painted brick, block, and concrete were observed on the exterior walls. Lead was detected above 0.06% in the north and west side brown paints. Lead was not detected above 0.06% in the east side tan paint or north side white paint.**

#### **Interior: 2930 West Burleigh Street**

- **Painted concrete and brick surfaces were observed on the 1<sup>st</sup> floor garage area walls. Lead was not detected above 0.06%.**

Reference Test Results of Components below.

## B. Test Results of Components:

Site: 2930 West Burleigh Street, Milwaukee, Wisconsin Date: 9/2/14

Paint Testing Results						
Sample	Location	Component & Feature	Substrate	Color	PbC (%)	Result
1L	Exterior	North Wall	Concrete	Dark Brown	2.12	Positive
2L	Exterior	West Wall	Brick	Brown	0.113	Positive
3L	Exterior	East Wall	Block	Tan	0.006	Negative
4L	Exterior	North Wall	Block	White	0.017	Negative
5L	1 <sup>st</sup> Floor West Garage	Ceiling	Concrete	Tan	0.014	Negative
6L	1 <sup>st</sup> Floor West Garage	East Wall	Brick	Tan	0.024	Negative

**The inspection did find Lead-Based Paint on the building.**

If there are any further concerns over what to do with certain components, we can do additional testing, and/or review records for historical precedents for removal, disposal and cleanup.

Any other paint found in the building that is disturbed should be handled as lead based paint.

The testing of components in the structure fulfilled the need for OSHA notification of workers.

## C. Summary of OSHA Lead Based Paint Regulations

The OSHA regulation for Lead Exposure in Construction is 29 CFR 1926.62. The law states that in the presence of any measurable amount of Lead a contractor is obligated to take some actions to ensure the safety of its work-force and that of the owner.

Workers demolishing building materials containing lead based paint must be monitored for lead exposure. Monitoring for lead exposure is covered under U.S. Department of Labor Occupational Safety and Health Administration 29 CFR 1926.62 for the construction industry, which includes:

- Demolition or salvage of structures where lead or materials containing lead are present.
- Removal or encapsulation of materials containing lead.
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead.

The employer is required to initially determine if any employee may be exposed to lead at or above the action level. **The action level means employee exposure, without regard to the use of respirators, to an airborne lead concentration of 30  $\mu\text{g}/\text{m}^3$  of air calculated as an 8 hour time weighted average.** The employer must collect personal samples representative of a full shift for

each job classification in each work area. The samples must be representative of the monitored employee's regular daily exposure to lead. **OSHA has also set a permissible exposure limit (PEL) which is defined as a lead concentration of 50 µg/m<sup>3</sup> of air averaged over an eight hour period.** If the initial exposure assessment has not been completed, the employer must treat the employee as if the employee were exposed above the PEL, and not in excess of ten times the PEL, for tasks including demolition of structures with lead containing coatings or paint. This includes respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring, and training.

If all concentrations are below the action level, additional air monitoring is not needed except when there has been a change in equipment, process, control, personnel, or type of task that may result in additional employees being exposed to lead at or above the action level. If exposure is between the action level and PEL, air monitoring must be done at least every six months until two consecutive readings taken at least seven days apart are below the action level. If exposure is above the PEL, air monitoring must be done quarterly until two consecutive readings taken at least seven days apart are below the PEL. Employees must be notified in writing of the results within 5 working days after completion of the air exposure assessment.

#### **D. Summary of Wisconsin Department of Natural Resources Information**

According to Wisconsin Department of Natural Resources Planning Your Demolition or Renovation Project (WA-651), building materials from remodeling or demolition debris that contain lead based paint are considered a waste, unless an exemption is obtained from the Department. Check with the Department for further guidance. Lead based paint chips or paint residue by themselves may be a hazardous waste. Additional testing by the toxicity characteristic leaching procedure (TCLP) method and comparison to hazardous waste regulations would be needed to determine this.

### **III. LIMITATIONS**

A limited inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This inspection should not be used for purposes of determining where lead safe renovation or abatement procedures are required except where the samples were collected. This report represents the condition of the building and the visible/ accessible locations sampled at the date and the time of the onsite inspection.

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. 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 is 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.*

## **IV. LABORATORY RESULTS**



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

## Environmental Chemistry Analysis Report

Quantem Set ID: 240587  
Date Received: 09/08/14  
Received By: Sherrie Leftwich  
Date Sampled:  
Time Sampled:  
Analyst: CC  
Date of Report: 9/12/2014

Client: Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
Acct. No.: B929  
Project: DNS  
Location: Milwaukee, WI  
Project No.: 14-200-042.2930B

AIHA ID: 101352

Quantem ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	1L	Paint	Lead	2.12	0.00493	%	09/12/14 15:00	P EPA 7000B (1)
002	2L	Paint	Lead	0.113	0.00498	%	09/12/14 15:00	P EPA 7000B (1)
003	3L	Paint	Lead	0.00594	0.00491	%	09/12/14 15:00	P EPA 7000B (1)
004	4L	Paint	Lead	0.0173	0.0049	%	09/12/14 15:00	P EPA 7000B (1)
005	5L	Paint	Lead	0.0144	0.00496	%	09/12/14 15:00	P EPA 7000B (1)
006	6L	Paint	Lead	0.0235	0.00504	%	09/12/14 15:00	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Carter Cox, Lab Tech

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. Quantem is not responsible for user-supplied data used in calculations.

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

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



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**Contact Information**

Company: Harenda Management Group  
 Contact: Dean Jacobsen  
 Account #: B929

Phone: (414) 383-4800  
 Cell Phone:  
 E-mail: djacobsen@harenda.com

**Project Information**

Project Name: DNS  
 Project Location: Milwaukee, WI  
 Project ID: 14-200-042.2930B

Sampled By: [Signature] Name: Date:

RELINQUISHED BY: [Signature] DATE & TIME: 9/5/14 1700 VIA: FedEx RECEIVED BY: [Signature] DATE & TIME: 9/18/14 10:00

**REQUESTED SERVICES (Please  the Appropriate Boxes)**

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (See matrix code box)	Pb	PPM	Units ( <input checked="" type="checkbox"/> ONE box only)				Sample Matrix Codes	
								mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>		
1	1L				B	X		X				A	Soil
2	2L											B	Paint Chips
3	3L											C	Surface / Dust Wipes
4	4L											D	Bulk Miscellaneous
5	5L											E	Air Cassette
6	6L												
7													
8													
9													
10													
11													
12													

**TURNAROUND TIME**

Same Day	
24 - Hour	
3 - Day	
5 - Day	<input checked="" type="checkbox"/>

**LEAD CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
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Report Results ( one box)  
 QuantEM Website  
 Other email:



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Mixed Use Building  
4703 West Center 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.: 15-400-004.4703  
Contract No.: 360-15-0745**

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

Prepared by:

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

**May 2015**

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II. Building Survey .....2

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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 building at 4703 West Center Street, Milwaukee, Wisconsin.

The inspection included drywall/joint compound, linoleum, duct paper, tar paper, ceramic tile, vinyl wallbase, and tar to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code*.

## 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 March 24, 2015, HMG conducted an asbestos inspection of a mixed use building, scheduled for mechanical demolition, located at 4703 West Center Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055.**

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 drywall/joint compound, linoleum, duct paper, tar paper, ceramic tile, vinyl wallbase, and tar. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	1 <sup>st</sup> floor – west room – south wall – joint compound	Negative	MDW
1b	1 <sup>st</sup> floor – west room – south wall – joint compound layer 2	Positive 4% Chrysotile	MDW
1c	1 <sup>st</sup> floor – west room – south wall – drywall	Negative	MDW
1	COMPOSITE POINT COUNT RESULT	Trace 0.75% Chrysotile	MDW
2a	1 <sup>st</sup> floor – southeast room – west wall – joint compound	Positive 4% Chrysotile	MDW
2b	1 <sup>st</sup> floor – southeast room – west wall – joint compound layer 2	Positive 3% Chrysotile	MDW
2c	1 <sup>st</sup> floor – southeast room – west wall – drywall	Negative	MDW
2	COMPOSITE POINT COUNT RESULT	Trace 1% Chrysotile	MDW
3a	2 <sup>nd</sup> floor – east apartment – kitchen – north wall – joint compound	Trace <1% Chrysotile	MDW
3b	2 <sup>nd</sup> floor – east apartment – kitchen – north wall – joint compound layer 2	Positive 3% Chrysotile	MDW
3c	2 <sup>nd</sup> floor – east apartment – kitchen – north wall – drywall	Negative	MDW
3	COMPOSITE POINT COUNT RESULT	Trace 0.25% Chrysotile	MDW
4	1 <sup>st</sup> floor – hall – top layer – tan and gray linoleum	Negative	MFLty
5a	1 <sup>st</sup> floor – west room – under floor tile – beige linoleum	Negative	MFLe
5b	1 <sup>st</sup> floor – west room – under linoleum – mastic	Negative	MFLe
6a	2 <sup>nd</sup> floor – east apartment hall – brown and pink linoleum	Negative	MFLnp
6b	2 <sup>nd</sup> floor – east apartment hall – under linoleum – mastic	Negative	MFLnp
7a	2 <sup>nd</sup> floor – east apartment kitchen – top layer – tan linoleum	Negative	MFLt
7b	2 <sup>nd</sup> floor – east apartment kitchen – top layer – under tan linoleum – mastic	Negative	MFLt
7c	2 <sup>nd</sup> floor – east apartment kitchen – 2 <sup>nd</sup> layer – cream linoleum	Negative	MFLc
7d	2 <sup>nd</sup> floor – east apartment kitchen – 2 <sup>nd</sup> layer – under cream linoleum – mastic	Negative	MFLc
7e	2 <sup>nd</sup> floor – east apartment kitchen – 3 <sup>rd</sup> layer – white and tan linoleum	Negative	MFLwt

Sample #	Location and Description	Results	Homogeneous Code
7f	2 <sup>nd</sup> floor – east apartment kitchen – 3 <sup>rd</sup> layer – under white and tan linoleum – mastic	Negative	MFLwt
8a	2 <sup>nd</sup> floor – center apartment kitchen – yellow linoleum	Negative	MFLI
8b	2 <sup>nd</sup> floor – center apartment kitchen – under yellow linoleum – mastic	Negative	MFLI
9a	2 <sup>nd</sup> floor – center apartment bathroom – beige and black linoleum	Negative	MFLek
9b	2 <sup>nd</sup> floor – center apartment bathroom – under white and black linoleum – mastic	Negative	MFLwk
10a	2 <sup>nd</sup> floor – west apartment bathroom – white and gray linoleum	Negative	MFLwy
10b	2 <sup>nd</sup> floor – west apartment bathroom – under white and gray linoleum – mastic	Negative	MFLwy
11	2 <sup>nd</sup> floor – west apartment kitchen – under floor tile – gold linoleum	Negative	MFLd
<b>12</b>	<b>1<sup>st</sup> floor – southwest room – at west wall duct – duct paper</b>	<b>Positive 80% Chrysotile</b>	<b>TDW</b>
<b>13</b>	<b>2<sup>nd</sup> floor – east apartment living room – at west wall duct – duct paper</b>	<b>Positive 80% Chrysotile</b>	<b>TDW</b>
<b>14</b>	<b>2<sup>nd</sup> floor – center apartment closet – at furnace – duct paper</b>	<b>Positive 80% Chrysotile</b>	<b>TDW</b>
15a	2 <sup>nd</sup> floor – west apartment bathroom – under floor tile and plywood – mastic	Negative	MFLtn
<b>15b</b>	<b>2<sup>nd</sup> floor – west apartment bathroom – under mastic – tan and brown linoleum</b>	<b>Positive 5% Chrysotile</b>	<b>MFLtn</b>
<b>15c</b>	<b>2<sup>nd</sup> floor – west apartment bathroom – under tan and brown linoleum – tar paper/mastic</b>	<b>Positive 5% Chrysotile</b>	<b>MFLtn</b>
16a	2 <sup>nd</sup> floor – porch – on floor – asphalt shingle	Negative	MRS
16b	2 <sup>nd</sup> floor – porch – on floor – on asphalt shingle – tar	Negative	MRS
<b>17a</b>	<b>2<sup>nd</sup> floor – porch – on floor – under asphalt shingle – gray tar layer</b>	<b>Positive 7% Chrysotile</b>	<b>MTar</b>
<b>17b</b>	<b>2<sup>nd</sup> floor – porch – on floor – under asphalt shingle – black tar layer</b>	<b>Positive 8% Chrysotile</b>	<b>MTar</b>
18a	2 <sup>nd</sup> floor – east apartment bathroom – in shower – white ceramic tile	Negative	MCTMw
18b	2 <sup>nd</sup> floor – east apartment bathroom – in shower – under ceramic tile – mastic	Negative	MCTMw
19a	2 <sup>nd</sup> floor – center apartment bathroom – in shower – white ceramic tile	Negative	MCTMw
19b	2 <sup>nd</sup> floor – center apartment bathroom – in shower – under ceramic tile – mastic	Negative	MCTMw
20a	2 <sup>nd</sup> floor – west apartment bathroom – in shower – white ceramic tile	Negative	MCTMw
20b	2 <sup>nd</sup> floor – west apartment bathroom – in shower – under ceramic tile – mastic	Negative	MCTMw
21a	1 <sup>st</sup> floor – west room – 6” vinyl wallbase	Negative	MV6
21b	1 <sup>st</sup> floor – west room – under vinyl wallbase – mastic	Negative	MV6

The following materials sampled were found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Tan & Brown Linoleum & Mastic	MFLtn	2 <sup>nd</sup> Floor West Apartment Bathroom Under Floor Tile & Plywood	40 Sq. Ft.
Gray & Black Tar	MTar	2 <sup>nd</sup> Floor Porch – on Floor Under Asphalt Shingle	130 Sq. Ft.
Duct Paper	TDW	1 <sup>st</sup> & 2 <sup>nd</sup> Floor Ducts in Walls	80 Sq. Ft.

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

Floor Level	Location	Description	Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,400 Sq. Ft.
1 <sup>st</sup>	Hall/West Rooms/East Room/Center Room/Bathroom	Floor Tile & Mastic	1,200 Sq. Ft.
2 <sup>nd</sup>	Bathrooms/Bedroom/Hall/Kitchen	Floor Tile & Mastic	400 Sq. Ft.

**Homogeneous Material Codes**

MDW	Drywall/Joint Compound
MFLty	Tan & Gray Linoleum
MFLe	Beige Linoleum
MFLnp	Brown & Pink Linoleum
MFLt	Tan Linoleum
MFLwt	White & Tan Linoleum
MFLI	Yellow Linoleum
MFLc	Cream Linoleum
MFLek	Beige & Black Linoleum
MFLwk	White & Black Linoleum
MFLd	Gold Linoleum
MFLwy	White & Gray Linoleum
MFLtn	Tan & Brown Linoleum
MPT	Tar Paper
MRS	Asphalt Shingle
MTar	Tar
MCTMw	White Ceramic Tile
MV6	6” Vinyl Wallbase
TDW	Duct Paper

**Note#1:** The linoleum, duct paper, and tar are friable and category II non-friable materials and must be abated by a Wisconsin certified asbestos company prior to demolition. Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

**Note#2:** 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#3:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the demolition contractor.

**Note#5:** 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>26</u>	Fluorescent Lights – 1 <sup>st</sup> Floor Rooms, 2 <sup>nd</sup> Floor West & East Kitchens,
<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>1</u>	Old Thermostats – 1 <sup>st</sup> Floor Center Room
<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

## VIII. LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 248094	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/27/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 04/02/2015	Project: DNS
Analyzed By: Jeff Mlekush	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.4703

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Cream Joint Compound	Asbestos Present Chrysotile 4	Cellulose 2	CaCO3
001b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
002	2	Layered	Tan Texture	Asbestos Present Chrysotile 4	Cellulose 2	CaCO3 Paint
002a		Layered	Gray Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
002b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
003	3	Layered	White Texture	Asbestos Present Chrysotile <1	NA	CaCO3 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
003a		Layered	Cream Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
003b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
004	4	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Vinyl
005	5	Layered	White/Black Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Vinyl
005a		Layered	Dark Brown Mastic	Asbestos Not Present	Cellulose 3	Binder
006	6	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Vinyl

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
007	7	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Vinyl
007a		Layered	Yellow Mastic	Asbestos Not Present	Cellulose 3	Glue
007b		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 3	Vinyl
007c		Layered	Yellow/Brown Mastic	Asbestos Not Present	Cellulose 5	Glue
007d		Layered	White Flooring	Asbestos Not Present	NA	Vinyl CaCO3
007e		Layered	Yellow Mastic	Asbestos Not Present	Cellulose 8	Glue

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Layered	Beige Flooring	Asbestos Not Present	NA	Vinyl CaCO3
008a		Layered	Yellow Mastic	Asbestos Not Present	Cellulose	3 Vinyl
009	9	Layered	Black/Yellow Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	15 Vinyl 5
009a		Layered	Yellow Mastic	Asbestos Not Present	Cellulose	5 Glue
010	10	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	20 Vinyl 3 Binder
010a		Layered	Brown Mastic	Asbestos Not Present	Cellulose	3 Glue

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.4703

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11	Homogeneous	Gray Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
012	12	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 20	
013	13	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 20	
014	14	Homogeneous	Cream Insulation	Asbestos Present Chrysotile 80	Cellulose 20	
015	15	Layered	Yellow Mastic	Asbestos Not Present	Cellulose 35	Glue
015a		Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
015b		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.4703

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Layered	Black Roofing	Asbestos Not Present	Cellulose 40	Tar
016a		Layered	Black Tar	Asbestos Not Present	Cellulose 4	Tar
017	17	Layered	Gray Tar	Asbestos Present Chrysotile 7	NA	Tar
017a		Layered	Black Tar	Asbestos Present Chrysotile 8	NA	Tar
018	18	Layered	White Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
018a		Layered	Tan Mastic	Asbestos Not Present	Cellulose 3	Glue

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Analyzed By: Jeff Mlekush	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.4703

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Layered	White Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
019a		Layered	Tan Mastic	Asbestos Not Present	Cellulose	2 Glue
020	20	Layered	White Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
020a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
021	21	Layered	Dark Brown Cove Base	Asbestos Not Present	NA	Vinyl CaCO3
021a		Layered	Brown Mastic	Asbestos Not Present	Cellulose	2 Glue

Jeff Mlekush, Laboratory Manager

4/2/2015

Date of Report

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

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<b>Contact Information</b> Company: Harenda Management Group Contact: Dean Jacobsen Account #: B929 SAMPLER BY: Name:		<b>Project Information</b> Project Name: DNS Project Location: Milwaukee, WI Project ID: 15-400-004.4703 P.O. Number:	
Phone: (414) 383-4800	Cell Phone:	Project Name: DNS	Project Location: Milwaukee, WI
E-mail: djacobsen@harenda.com	Date:	Project ID: 15-400-004.4703	P.O. Number:

RELINQUISHED BY: <i>Jan [Signature]</i>	DATE & TIME: 3/26/15 1700	VIA: FedEx	RECEIVED BY: <i>Judy Rowan</i>	DATE & TIME: 3/27/15 10.00
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REQUESTED SERVICES (Please  the Appropriate Boxes)

PLM	PLM	TEM		TEM	TURNAROUND TIME
		Air- AHERA	Air- NIOSH 7402		
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> PCM	<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"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<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. <u>248094</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)	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"/>			
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"/>			
21	21	<input checked="" 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"/>			



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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 249463	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 05/06/2015	1237 West Bruce St.
Received By: Sherrie Leftwich	Milwaukee, WI 53204
Date Analyzed: 05/07/2015	Project: PTCT for 248094
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.4703

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Composite	Cream/White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.75 400 Point Count	NA	
002	2	Composite	Gray/White Joint Compound / Sheetrock	Asbestos Present Chrysotile 1.00 400 Point Count	NA	
003	3	Composite	Cream/White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Gayle Ooten, Analyst

5/7/2015

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.



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For Lab Use Only  
 Lab No. 249463  
 Accept  Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Project Information	
Project Name: <u>DNS</u>	Report Results ( <input checked="" type="checkbox"/> one box )
Project Location: <u>Milwaukee, WI</u>	<input checked="" type="checkbox"/> Quantem Website
Project ID: <u>15-400-004.4703</u>	<input type="checkbox"/> Other email
P.O. Number:	
Contact Information	
Company: <u>Harenda Management Group</u>	Phone: <u>(414) 383-4800</u>
Contact: <u>Dean Jacobsen</u>	Cell Phone:
Account #: <u>B929</u>	E-mail: <u>djacobsen@harenda.com</u>
SAMPLED BY: <u>[Signature]</u>	Date: <u>5/6/15</u>

RELINQUISHED BY: <u>[Signature]</u>	DATE & TIME: <u>5/6/15 10:05</u>	VIA: <u>Email</u>	RECEIVED BY: <u>[Signature]</u>	DATE & TIME: <u>5/6/15 10:00</u>
-------------------------------------	----------------------------------	-------------------	---------------------------------	----------------------------------

### REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	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 <input checked="" type="checkbox"/>	Description	Volume / Area (as applicable)	Comments / Notes
1		<input checked="" type="checkbox"/>			Composite Point Count
2		<input checked="" type="checkbox"/>			Composite Point Count
3		<input checked="" type="checkbox"/>			Composite Point Count
4		<input type="checkbox"/>			Quantem Lab #248094
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**

# 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

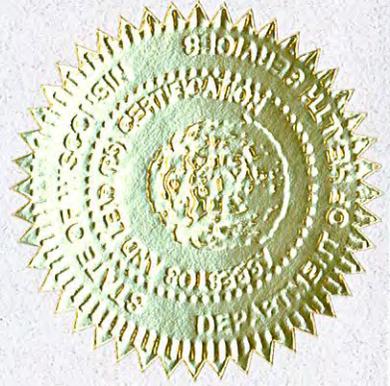
Asbestos Company - Primary

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



Jazmin K. C. Spears  
1237 W Bruce St  
Milwaukee WI 53204-1218

		198 lbs	5' 08"
All-111055	Exp: 03/27/2015	10/19/1974	Male

Training due by: 03/27/2015

**COPY**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Commercial Building  
4709 West Center 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.: 15-400-004.4709  
Contract No.: 360-15-0745**

Dean Jacobsen  
Asbestos Inspector No. AII - 14370

Prepared by:

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

**October 2015**

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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 building at 4709 West Center Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall, 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 and NR 447 of the Wisconsin Administrative Code*.

## 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 September 23, 2015, HMG conducted an asbestos inspection of a commercial building, scheduled for mechanical demolition, located at 4709 West Center Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055.**

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, drywall, and ceiling tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	1 <sup>st</sup> floor – northeast room – east wall – plaster skim coat	Negative	SPI
1b	1 <sup>st</sup> floor – northeast room – east wall – plaster base coat	Negative	SPI
2	1 <sup>st</sup> floor – northeast room – west wall – plaster	Negative	SPI
3a	1 <sup>st</sup> floor – southeast room – west wall – plaster skim coat	Negative	SPI
3b	1 <sup>st</sup> floor – southeast room – west wall – plaster base coat	Negative	SPI
4a	1 <sup>st</sup> floor – southeast room – east wall – plaster skim coat	Negative	SPI
4b	1 <sup>st</sup> floor – southeast room – east wall – plaster base coat	Negative	SPI
5a	1 <sup>st</sup> floor – bathroom – north wall – plaster skim coat	Negative	SPI
5b	1 <sup>st</sup> floor – bathroom – north wall – plaster base coat	Negative	SPI
6a	1 <sup>st</sup> floor – south center room – south wall – plaster skim coat	Negative	SPI
6b	1 <sup>st</sup> floor – south center room – south wall – plaster base coat	Negative	SPI
7a	1 <sup>st</sup> floor – south center room – west wall – plaster skim coat	Negative	SPI
7b	1 <sup>st</sup> floor – south center room – west wall – plaster base coat	Trace <1% Chrysotile	SPI
7b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPI
8	1 <sup>st</sup> floor – southeast room – east wall patch – drywall	Negative	MDW
9	1 <sup>st</sup> floor – northeast room – white ceiling tile	Negative	MSCTw

No materials sampled were found to contain more than 1% asbestos.

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

Floor Level	Location	Description	Quantity
Roof	Building	Built up Roofing & Flashing	1,000 Sq. Ft.
1 <sup>st</sup>	East Rooms	Floor Tile & Mastic	400 Sq. Ft.

#### Homogeneous Material Codes

SPI	Plaster
MDW	Drywall
MSCTw	White Ceiling Tile

**Note#1:** Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

**Note#2:** 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#3:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the demolition contractor.

## V. EXCLUSIONS

**West side roof collapsed – area not accessible. Basement not accessible. Roof visible only from ground. Areas within walls and ceilings were not accessible. 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>15</u>	Fluorescent Lights – 1 <sup>st</sup> Floor
<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>1</u>	Old Thermostats – 1 <sup>st</sup> Floor
<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 Electric Meters 1<sup>st</sup> Floor Southwest Corner**

<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 – Exterior Front, 1 <sup>st</sup> Floor Southwest Corner
<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>1</u>	Oil Tanks – Basement – Fill Pipe Visible Exterior South Side
<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 DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 255478	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/05/2015	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 10/06/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004-4709

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
001a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
002	2	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
003a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
004	4	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint

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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QuantEM Lab No. 255478	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/05/2015	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 10/06/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004-4709

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
006	6	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
006a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
007	7	Layered	White Skim Coat	Asbestos Not Present	NA	Sand 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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Account Number: B929	Dean Jacobsen
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Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 10/06/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004-4709

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	Sand Gypsum
008	8	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 6	Gypsum
009	9	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 5 Glass Fiber 75	Paint Perlite

Gayle Ooten, Analyst

10/6/2015

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.



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 Lab No. 255478  
 Accept  Reject

Report Results  one box  
 QuanTEM Website  
 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: 15-400-004-4709	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	12/15/10	FE	<i>[Signature]</i>	10/15/10 10:00

**REQUESTED SERVICES (Please  the Appropriate Boxes)**

	PLM		TEM		TEM		TURNAROUND TIME
	Bulk Analysis (EPA 600/R-93/116)	400 Point Count	Air-AHERA	Air-NIOSH 7402	Bulk- Presence / Absence EPA600/R-93/116	Bulk- Quantitative [weight%]- Chatfield	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rush
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24 - Hour
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 - Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
1		<input 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 type="checkbox"/>				



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 255558	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/06/2015	1237 West Bruce St.
Received By: Sherrie Leftwich	Milwaukee, WI 53204
Date Analyzed: 10/07/2015	Project: PTCT for 255478, DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004-4709

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	7	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Gayle Ooten, Analyst

10/7/2015

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. 255558  
 Accept  Reject

Report Results (  one box )  
 QuantEM Website  
 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: 15-400-004.4709	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY <i>Dean Jacobsen</i>	DATE & TIME 10/6/15 1255	VIA Email	RECEIVED BY <i>S. Effrich</i>	DATE & TIME 10/6/15 1:00
---	-----------------------------	--------------	----------------------------------	-----------------------------

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	7	<input checked="" type="checkbox"/>	gray layer		Quanten Lab #: 255478
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**

# Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 07/29/2015  
Expiration Date: 08/31/2017, 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





Scott Walker  
Governor

Kitty Rhoades  
Secretary

State of Wisconsin  
Department of Health Services

September 18, 2015

JAZMIN K C SPEARS  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-111055

**Congratulations**, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

**Renewing Your Certification**

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) if paying by VISA or MasterCard credit or debit card.

**Certified Company Affiliation**

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.

**To Update Information and Apply Online**

You may make changes to your mailing address, other contact information, or your employer information by going to [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137  
P.O. Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876  
Email: [dhsasbestoslead@wi.gov](mailto:dhsasbestoslead@wi.gov)  
Internet: [www.dhs.wisconsin.gov](http://www.dhs.wisconsin.gov)

**COPY**

ASBESTOS INSPECTOR  
Issued By  
STATE OF WISCONSIN  
Dept. of Health Services

Jazmin K C Spears  
1237 W Bruce St  
Milwaukee WI 53204-1218

	198 lbs	5' 08"
AII-111055	Exp: 04/24/2016	10/19/1974
		Male

Training due by: 04/24/2016



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
1521 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.: 15-400-004.1521  
Contract No.: 360-15-0745**

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 2015**

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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 1521 West Wright Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, drywall/joint compound, ceramic tile, window glazing compound, duct paper, and flue packing to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code*.

## 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 March 14, 2015, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 1521 West Wright Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769.**

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, drywall/joint compound, ceramic tile, window glazing compound, duct paper, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	1 <sup>st</sup> floor – front entry – west wall – plaster skim coat	Negative	SPI
1b	1 <sup>st</sup> floor – front entry – west wall – plaster base coat	Negative	SPI
2a	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
2b	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
3	1 <sup>st</sup> floor – north bedroom – ceiling – plaster	Negative	SPI
4	1 <sup>st</sup> floor – southeast bedroom – east wall – plaster	Negative	SPI
5a	1 <sup>st</sup> floor – west bedroom – west wall – plaster skim coat	Negative	SPI
5b	1 <sup>st</sup> floor – west bedroom – west wall – plaster base coat	Negative	SPI
6a	1 <sup>st</sup> floor – north bedroom – west wall – joint compound	Negative	MDW
6b	1 <sup>st</sup> floor – north bedroom – west wall – drywall	Negative	MDW
7a	1 <sup>st</sup> floor – southeast bedroom – west wall – joint compound	Negative	MDW
7b	1 <sup>st</sup> floor – southeast bedroom – west wall – drywall	Negative	MDW
8a	1 <sup>st</sup> floor – bathroom – north wall – joint compound	Negative	MDW
8b	1 <sup>st</sup> floor – bathroom – north wall – drywall	Negative	MDW
9	1 <sup>st</sup> floor – kitchen floor – white and brown ceramic tile	Negative	MCTMwn
10a	1 <sup>st</sup> floor – bathroom floor – white and blue ceramic tile	Negative	MCTMwb
10b	1 <sup>st</sup> floor – bathroom floor – under ceramic tile – mastic	Negative	MCTMwb
11a	1 <sup>st</sup> floor – bathroom wall – brown ceramic tile	Negative	MCTMn
11b	1 <sup>st</sup> floor – bathroom wall – grout	Negative	MCTMn
11c	1 <sup>st</sup> floor – bathroom wall – under ceramic tile – mastic	Negative	MCTMn
12	1 <sup>st</sup> floor – living room – west side ceiling – texture	Negative	STX
13	1 <sup>st</sup> floor – living room – center ceiling – texture	Negative	STX
14	1 <sup>st</sup> floor – living room – east side ceiling – texture	Negative	STX
15	1 <sup>st</sup> floor – living room – on window – glazing compound	Negative	MPG
16	1 <sup>st</sup> floor – north bedroom – on window – glazing compound	Negative	MPG
17	Basement – on window – glazing compound	Negative	MPG
<b>18</b>	<b>1<sup>st</sup> floor – south bedroom – on east wall duct – duct paper</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>

Sample #	Location and Description	Results	Homogeneous Code
19	1 <sup>st</sup> floor – bathroom – on west wall duct – duct paper	Positive 60% Chrysotile	TDW
20	1 <sup>st</sup> floor – kitchen – on west wall duct – duct paper	Positive 60% Chrysotile	TDW
21	Basement – on chimney – flue packing	Positive 3% Chrysotile	TFP
22a	Exterior – east wall under vinyl siding – asphalt shingle siding	Negative	MSS
22b	Exterior – east wall under asphalt shingle siding – fiberboard	Negative	MSS
23a	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
23b	Exterior – south wall under asphalt shingle siding – fiberboard	Negative	MSS
24a	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
24b	Exterior – north wall under asphalt shingle siding – fiberboard	Negative	MSS
25	Exterior – around windows – white caulk	Negative	MCLK
26	Exterior – east wall under fiberboard – tar paper	Negative	MPT
27	Exterior – south wall under fiberboard – tar paper	Negative	MPT
28	Exterior – north wall under fiberboard – tar paper	Negative	MPT

The following materials sampled were found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Duct Paper	TDW	1 <sup>st</sup> Floor Ducts	90 Sq. Ft.
Flue Packing	TFP	Basement on Chimney	2 Sq. Ft.

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

Floor Level	Location	Description	Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,200 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
STX	Texture
MDW	Drywall/Joint Compound
MCTMwn	White & Brown Ceramic Tile
MCTMwb	White & Blue Ceramic Tile
MCTMn	Brown Ceramic Tile
MPG	Glazing Compound
MSS	Asphalt Shingle Siding
MPT	Tar Paper
MCLKw	White Caulk
TFP	Flue Packing
TDW	Duct Paper

**Note#1:** The duct paper and flue packing are friable and category II non-friable materials and must be abated by a Wisconsin certified asbestos company prior to demolition. Asphalt roofing is a category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

**Note#2:** Assumed 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#3:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the demolition contractor.

**Note#5:** 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 – 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

<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 DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 247650	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/17/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/24/2015	Project: DNS
Analyzed By: Jeff Mlekush	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Skim Coat	Asbestos Not Present	NA	Paint Gypsum Sand
001a		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1	Gypsum Perlite
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Sand
002a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
003	3	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
004	4	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Sand

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: 15-400-004.1521

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
006	6	Layered	White Joint Compound	Asbestos Not Present	Glass Fiber	10 CaCO3 Perlite
006a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15 Gypsum
007	7	Layered	White Joint Compound	Asbestos Not Present	Glass Fiber	10 CaCO3 Perlite
007a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15 Gypsum
008	8	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
009	9	Homogeneous	White/Brown Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
010	10	Layered	White/Brown Ceiling Texture	Asbestos Not Present	NA	Quartz Clay
010a		Layered	White Caulk	Asbestos Not Present	Cellulose 3	CaCO3 Binder
011	11	Layered	Black Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
011a		Layered	Brown Grout	Asbestos Not Present	NA	CaCO3
011b		Layered	Clear Mastic	Asbestos Not Present	NA	Glue

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Homogeneous	White Texture	Asbestos Not Present	Cellulose <1	CaCO3
013	13	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
014	14	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
015	15	Homogeneous	Green Window Glazing	Asbestos Not Present	Talc 3	CaCO3 Paint
016	16	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
017	17	Homogeneous	Green Window Glazing	Asbestos Not Present	Talc 2	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.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 247650	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/17/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/24/2015	Project: DNS
Analyzed By: Jeff Mlekush	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	Cellulose 10	Binder
019	19	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	Cellulose 20	Binder
020	20	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	Cellulose 20	Binder
021	21	Homogeneous	Gray Concrete	Asbestos Present Chrysotile 3	NA	CaCO3 Sand

Jeff Mlekush, Laboratory Manager

3/24/2015

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. 247650  
 Accept  Reject

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

Project Information  
 Project Name: DNS  
 Project Location: Milwaukee, WI  
 Project ID: 15-400-004.1521  
 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: [Signature] DATE & TIME: 3/16/15 1800 VIA: FedEx RECEIVED BY: Judy Rowan DATE & TIME: 3/17/15 9:45

### REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	PLM	TEM	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"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day
<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"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> PCM	<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day	<input checked="" type="checkbox"/> 5 - Day
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Other			
<input type="checkbox"/> Particle ID		<input type="checkbox"/> Waste Water- EPA 600/4-83-043				

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

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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only
Lab No. <u>247650</u>
<input type="radio"/> Accept <input checked="" 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
11		<input checked="" type="checkbox"/>				
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 checked="" 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"/>				



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 248669	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 04/14/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 04/14/2015	Project: DNS
Analyzed By: Carter Cox	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	22	Layered	Green Shingle	Asbestos Not Present	Cellulose 20	Tar Quartz
001a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
002	23	Layered	Green Shingle	Asbestos Not Present	Cellulose 20	Tar Quartz
002a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
003	24	Layered	Green Shingle	Asbestos Not Present	Cellulose 20	Tar Quartz
003a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
004	25	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder

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. 248669	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 04/14/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 04/14/2015	Project: DNS
Analyzed By: Carter Cox	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	26	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
006	27	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
007	28	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

*Carter Cox*

Carter W. Cox, Analyst

4/14/2015

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

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## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only  
 Lab No. 248669  
 Accept  Reject

Report Results (  one box )  
 Quantem Website  
 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: 15-400-004.1521	
SAMPLED BY: _____	Name: _____	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	4/13/15 1700	FeEx	Judy Rowan	4/14/15 9:30

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

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	22	<input checked="" type="checkbox"/>				
2	23	<input type="checkbox"/>				
3	24	<input type="checkbox"/>				
4	25	<input type="checkbox"/>				
5	26	<input type="checkbox"/>				
6	27	<input checked="" type="checkbox"/>				
7	28	<input checked="" type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<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

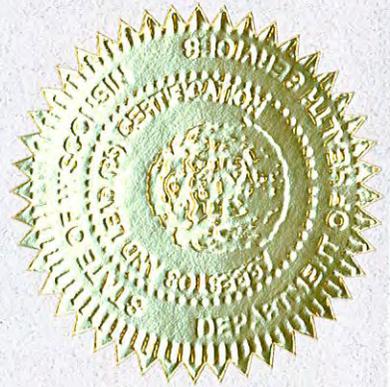
Asbestos Company - Primary

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



Scott Walker  
Governor

Kitty Rhoades  
Secretary



**State of Wisconsin**  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

October 27, 2014

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations**, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

**Renewing Your Certification**

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) if paying by VISA or MasterCard credit or debit card.

**Certified Company Affiliation**

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.

**To Update Information and Apply Online**

You may make changes to your mailing address, other contact information, or your employer information by going to [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137  
P.O. Box 2659  
Madison WI 53701-2659

Phone: (608) 261-6876  
Email: [dhsasbestoslead@wi.gov](mailto:dhsasbestoslead@wi.gov)  
Internet: [www.dhs.wisconsin.gov](http://www.dhs.wisconsin.gov)

ASBESTOS INSPECTOR  
Issued By  
STATE OF WISCONSIN  
Dept. of Health Services  
Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 09/19/2015	222 lbs	5' 08"
		07/09/1971	Male

Training due by: 09/19/2015

**COPY**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
1521A 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.: 15-400-004.1521A**

**Contract No.: 360-15-0745**

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 2015**

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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 1521A West Wright Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, drywall/joint compound, transite siding, tar paper, blown in insulation, linoleum, ceramic tile, window glazing compound, wall covering, and flue packing to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code*.

## 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 March 14, 2015, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 1521A West Wright Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769.**

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, drywall/joint compound, transite siding, tar paper, blown in insulation, linoleum, ceramic tile, window glazing compound, wall covering, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	1 <sup>st</sup> floor – front entry – west wall – plaster skim coat	Negative	SPI
1b	1 <sup>st</sup> floor – front entry – west wall – plaster base coat	Negative	SPI
2a	1 <sup>st</sup> floor – dining room – east wall – plaster skim coat	Negative	SPI
2b	1 <sup>st</sup> floor – dining room – east wall – plaster base coat	Negative	SPI
3a	1 <sup>st</sup> floor – kitchen – west wall – plaster skim coat	Negative	SPI
3b	1 <sup>st</sup> floor – kitchen – west wall – plaster base coat	Negative	SPI
4a	1 <sup>st</sup> floor – living room – closet wall – joint compound patch	Negative	SPI
4b	1 <sup>st</sup> floor – living room – closet wall – plaster skim coat	Negative	SPI
4c	1 <sup>st</sup> floor – living room – closet wall – plaster base coat	Negative	SPI
5a	2 <sup>nd</sup> floor – living room – west wall – joint compound patch	Negative	SPI
5b	2 <sup>nd</sup> floor – living room – west wall – plaster skim coat	Negative	SPI
5c	2 <sup>nd</sup> floor – living room – west wall – plaster base coat	Negative	SPI
6a	2 <sup>nd</sup> floor – living room – south wall – joint compound patch	Negative	SPI
6b	2 <sup>nd</sup> floor – living room – south wall – plaster skim coat	Negative	SPI
6c	2 <sup>nd</sup> floor – living room – south wall – plaster base coat	Negative	SPI
7a	2 <sup>nd</sup> floor – living room – north wall – joint compound patch	Negative	SPI
7b	2 <sup>nd</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
7c	2 <sup>nd</sup> floor – living room – north wall – plaster base coat	Negative	SPI
8	1 <sup>st</sup> floor – bathroom – west wall – joint compound	Negative	MDW
9a	1 <sup>st</sup> floor – north bedroom – east wall – joint compound	Negative	MDW
9b	1 <sup>st</sup> floor – north bedroom – east wall – drywall	Negative	MDW
10	1 <sup>st</sup> floor – north bedroom – west wall – joint compound	Negative	MDW
11	Exterior – south wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP
12	Exterior – north wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP
13	Exterior – east wall under vinyl siding – transite siding	Positive 20% Chrysotile	MTP

Sample #	Location and Description	Results	Homogeneous Code
14a	Exterior – south wall under transite siding – tar paper	Negative	MPT
14b	Exterior – south wall under tar paper – tar	Negative	MPT
14c	Exterior – south wall under tar – tar paper layer 2	Negative	MPT
15a	Exterior – north wall under transite siding – tar paper	Negative	MPT
15b	Exterior – north wall under tar paper – tar	Negative	MPT
15c	Exterior – north wall under tar – tar paper layer 2	Negative	MPT
16a	Exterior – east wall under transite siding – tar paper	Negative	MPT
16b	Exterior – east wall under tar paper – tar	Negative	MPT
16c	Exterior – east wall under tar – tar paper layer 2	Negative	MPT
17	2 <sup>nd</sup> floor – east room – in ceiling – blown in insulation	Negative	MBI
18	2 <sup>nd</sup> floor – east room – in wall – blown in insulation	Negative	MBI
19	2 <sup>nd</sup> floor – living room – in wall – blown in insulation	Negative	MBI
20	1 <sup>st</sup> floor – front entry – under floor tile – yellow linoleum	Negative	MFLI
21	1 <sup>st</sup> floor – living room – on window – glazing compound	Negative	MPG
11	1 <sup>st</sup> floor – north bedroom – on window – glazing compound	Negative	MPG
23	1 <sup>st</sup> floor – kitchen – on window – glazing compound	Negative	MPG
24a	1 <sup>st</sup> floor – dining room – ceiling – texture	Negative	STX
24b	1 <sup>st</sup> floor – dining room – ceiling – texture layer 2	Negative	STX
25a	1 <sup>st</sup> floor – north bedroom – north wall – texture	Negative	STX
25b	1 <sup>st</sup> floor – north bedroom – north wall – texture layer 2	Negative	STX
26a	1 <sup>st</sup> floor – north bedroom – south wall – texture	Negative	STX
26b	1 <sup>st</sup> floor – north bedroom – south wall – texture layer 2	Negative	STX
27a	1 <sup>st</sup> floor – bathroom – on wall – white ceramic tile	Negative	MCTMw
27b	1 <sup>st</sup> floor – bathroom – on wall – grout	Negative	MCTMw
28	2 <sup>nd</sup> floor – east bedroom – on east wall – wall covering	Negative	MWC
29	2 <sup>nd</sup> floor – east bedroom – on east wall – wall covering	Negative	MWC
30	2 <sup>nd</sup> floor – east bedroom – on west wall – wall covering	Negative	MWC
31a	1 <sup>st</sup> floor – bathroom – top layer – tan linoleum	Negative	MFLt
31b	1 <sup>st</sup> floor – bathroom – top layer – gray linoleum	Negative	MFLy
32	Basement – on chimney – flue packing	Negative	TFP

The following materials sampled were found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Transite Siding	MTP	Exterior Walls Under Vinyl Siding	1,300 Sq. Ft.

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

<b>Floor Level</b>	<b>Location</b>	<b>Description</b>	<b>Quantity</b>
Roof	Dwelling	Asphalt Shingles & Flashing	1,200 Sq. Ft.
1 <sup>st</sup>	Front Entry/Kitchen/Stair	Floor Tile & Mastic	150 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
STX	Texture
MDW	Drywall/Joint Compound
MTP	Transite
MPT	Tar Paper
MBI	Blown in Insulation
MFLI	Yellow Linoleum
MFLt	Tan Linoleum
MFLt	Gray Linoleum
MCTMw	White Ceramic Tile
MWC	Wall Covering
MPG	Glazing Compound
TFP	Flue Packing

**Note#1:** The transite is a category II non-friable material and must be abated by a Wisconsin certified asbestos company prior to demolition. Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

**Note#2:** Assumed 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#3:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#4:** A copy of this report should be transmitted to the demolition contractor.

**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

## VIII. LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 247649	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/17/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/24/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
001a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Gypsum
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
002a		Layered	Gray Plaster	Asbestos Not Present	Hair 6	Quartz Gypsum
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
003a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz Gypsum
004	4	Layered	Cream Texture	Asbestos Not Present	NA	CaCO3 Paint

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: 15-400-004.1521A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
004b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Gypsum
005	5	Layered	Cream Texture	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
005b		Layered	Gray Plaster	Asbestos Not Present	Hair	2 Quartz Gypsum
006	6	Layered	Cream Texture	Asbestos Not Present	NA	CaCO3 Paint

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006a		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
006b		Layered	Gray Plaster	Asbestos Not Present	Hair	3 Quartz Gypsum
007	7	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
007b		Layered	Gray Plaster	Asbestos Not Present	Hair	3 Quartz Gypsum
008	8	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
009	9	Layered	White Joint Compound	Asbestos Not Present	NA	Talc CaCO3 Paint

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Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
010	10	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
011	11	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
012	12	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
013	13	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
014	14	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	Black Tar	Asbestos Not Present	Cellulose 15	Tar
014b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
015	15	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
015a		Layered	Black Tar	Asbestos Not Present	Cellulose 15	Tar
015b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
016	16	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
016a		Layered	Black Tar	Asbestos Not Present	Cellulose 15	Tar

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
017	17	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
018	18	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
019	19	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
020	20	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
021	21	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3

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Date Analyzed: 03/24/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
023	23	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
024	24	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
024a		Layered	Cream Texture	Asbestos Not Present	NA	CaCO3
025	25	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025a		Layered	Cream Texture	Asbestos Not Present	NA	CaCO3
026	26	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026a		Layered	Gray Joint Compound	Asbestos Not Present	Cellulose <1	Gypsum CaCO3
027	27	Layered	Cream Ceramic Tile	Asbestos Not Present	NA	Clay
027a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3
028	28	Homogeneous	Tan Fabric	Asbestos Not Present	Cellulose 80	Paint
029	29	Homogeneous	Tan Fabric	Asbestos Not Present	Cellulose 80	Paint
030	30	Homogeneous	Tan Fabric	Asbestos Not Present	Cellulose 80	Paint

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
031a		Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
032	32	Homogeneous	Gray Concrete	Asbestos Not Present	Wollastonite 40	CaCO3
033	33	**	** **	**	Not Analyzed	

No Sample in Container

Gayle Ooten, Analyst

3/24/2015

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

For Lab Use Only	
Lab No. <u>247649</u>	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>
Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> QuantEM Website	<input type="checkbox"/> Other_email _____

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>15-400-004.1521A</b>	
SAMPLED BY: _____	Name: _____	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	<u>3/16/15 1800</u>	<u>FedEx</u>	<i>Judy Rowan</i>	<u>3/17/15 9:45</u>

### REQUESTED SERVICES (Please the Appropriate Boxes)

	PLM		TEM		TEM		TURNAROUND TIME	
	<input type="checkbox"/>							
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/>							
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/>							
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/>							
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/>							
<input type="checkbox"/> Particle ID	<input type="checkbox"/>	<input checked="" type="checkbox"/> 5 - Day						

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> 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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 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058  
**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only
Lab No. <u>247649</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 <input checked="" type="checkbox"/>	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"/>				
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"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input type="checkbox"/>				
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"/>				



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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>247649</u>
<input type="radio"/> Accept <input checked="" 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 checked="" type="checkbox"/>				
34		<input type="checkbox"/>				
35		<input type="checkbox"/>				
36		<input type="checkbox"/>				
37		<input type="checkbox"/>				
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"/>				

## **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

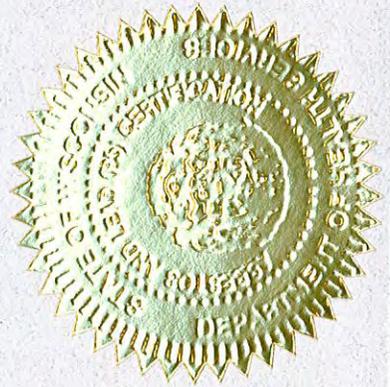
Asbestos Company - Primary

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



Scott Walker  
Governor

Kitty Rhoades  
Secretary



**State of Wisconsin**  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

October 27, 2014

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations**, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

**Renewing Your Certification**

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) if paying by VISA or MasterCard credit or debit card.

**Certified Company Affiliation**

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.

**To Update Information and Apply Online**

You may make changes to your mailing address, other contact information, or your employer information by going to [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137  
P.O. Box 2659  
Madison WI 53701-2659

Phone: (608) 261-6876  
Email: [dhsasbestoslead@wi.gov](mailto:dhsasbestoslead@wi.gov)  
Internet: [www.dhs.wisconsin.gov](http://www.dhs.wisconsin.gov)

ASBESTOS INSPECTOR  
Issued By  
STATE OF WISCONSIN  
Dept. of Health Services  
Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 09/19/2015	222 lbs	5' 08"
		07/09/1971	Male

Training due by: 09/19/2015

**COPY**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
1521B 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.: 15-400-004.1521B  
Contract No.: 360-15-0745**

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

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**April 2015**

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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 1521B West Wright Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, transite siding, tar paper, asphalt roofing, linoleum, caulk, ceiling tile, ceramic tile, flue packing, 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 and NR 447 of the Wisconsin Administrative Code*.

## 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 March 14, 2015, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 1521B West Wright Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769.**

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, texture, transite siding, tar paper, asphalt roofing, linoleum, caulk, ceiling tile, ceramic tile, flue packing, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall under vinyl siding – transite siding	Positive 15% Chrysotile	MTP
2	Exterior – east wall under vinyl siding – transite siding	Positive 15% Chrysotile	MTP
3	Exterior – north wall under vinyl siding – transite siding	Positive 15% Chrysotile	MTP
4a	Exterior – south wall under transite siding – tar paper	Negative	MPT
4b	Exterior – south wall under tar paper – tar	Negative	MPT
4c	Exterior – south wall under tar – tar paper layer 2	Negative	MPT
5a	Exterior – north wall under transite siding – tar paper	Negative	MPT
5b	Exterior – north wall under tar paper – tar	Negative	MPT
5c	Exterior – north wall under tar – tar paper layer 2	Negative	MPT
6a	Exterior – east wall under transite siding – tar paper	Negative	MPT
6b	Exterior – east wall under tar paper – tar	Negative	MPT
6c	Exterior – east wall under tar – tar paper layer 2	Negative	MPT
7	Exterior – on ground – asphalt shingle	Negative	MRS
8	Exterior – roof south side – asphalt shingle	Negative	MRS
9a	Exterior – roof east side – asphalt shingle	Negative	MRS
9b	Exterior – roof east side – on asphalt shingle – tar	Negative	MRS
10	1 <sup>st</sup> floor – kitchen – gray and tan linoleum	Negative	MFLyt
11	1 <sup>st</sup> floor – kitchen – at sink – white caulk	Negative	MCLKw
12	1 <sup>st</sup> floor – living room – east wall – texture	Negative	STX
13	1 <sup>st</sup> floor – living room – west wall – texture	Negative	STX
14a	1 <sup>st</sup> floor – stair – north wall – texture	Negative	STX
14b	1 <sup>st</sup> floor – stair – north wall – texture layer 2	Negative	STX
14c	1 <sup>st</sup> floor – stair – north wall – texture layer 3	Negative	STX
15a	2 <sup>nd</sup> floor – living room – south wall – texture	Negative	STX
15b	2 <sup>nd</sup> floor – living room – south wall – texture layer 2	Negative	STX
16	2 <sup>nd</sup> floor – east bedroom – west wall – texture	Negative	STX
17	1 <sup>st</sup> floor – west bedroom – west wall – plaster	Negative	SPI
18	1 <sup>st</sup> floor – living room – south wall – plaster	Negative	SPI
19	1 <sup>st</sup> floor – kitchen – south wall – plaster	Negative	SPI
20	2 <sup>nd</sup> floor – hall – north wall – plaster	Negative	SPI
21	2 <sup>nd</sup> floor – east bedroom – west wall – plaster	Negative	SPI

Sample #	Location and Description	Results	Homogeneous Code
22a	1 <sup>st</sup> floor – bathroom – under ceramic tile – gray linoleum	Negative	MFLy
22b	1 <sup>st</sup> floor – bathroom – under gray linoleum – white linoleum	Negative	MFLw
22c	1 <sup>st</sup> floor – bathroom – under white linoleum – mastic	Negative	MFLw
24	1 <sup>st</sup> floor – living room – 2' x 2' ceiling tile	Negative	SPI
25	1 <sup>st</sup> floor – bathroom floor – beige ceramic tile	Negative	MCTMe
26	1 <sup>st</sup> floor – bathroom – on walls – white ceramic tile	Negative	MCTMe
27a	1 <sup>st</sup> floor – kitchen – under plywood – beige linoleum	Negative	MFLe
27b	1 <sup>st</sup> floor – kitchen – under beige linoleum – cream linoleum	Negative	MFLc
28	Basement – on chimney – flue packing	Negative	TFP
29	1 <sup>st</sup> floor – west bedroom – on window – glazing compound	Negative	MPG
30	Basement – on window – glazing compound	Negative	MPG
31	2 <sup>nd</sup> floor – living room – on window – glazing compound	Negative	MPG

The following material sampled was found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Transite Siding	MTP	Exterior Walls Under Vinyl Siding	1,100 Sq. Ft.

#### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MFLw	White Linoleum
MFLyt	Gray & Tan Linoleum
MFLt	Gray Linoleum
MFLe	Beige Linoleum
MFLc	Cream Linoleum
MRS	Asphalt Shingle
MCTMe	Beige Ceramic Tile
MCTMw	White Ceramic Tile
MPG	Glazing Compound
TFP	Flue Packing

**Note#1:** The transite is a category II non-friable material and must be abated by a Wisconsin certified asbestos company prior to demolition.

**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

**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

## VIII. LABORATORY RESULTS



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 247652	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 03/17/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 03/23/2015	Project: DNS
Analyzed By: Jeff Mlekush	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521B

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15	NA	CaCO3
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15	NA	CaCO3
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 15	NA	CaCO3
004	4	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
004a		Layered	Black Tar	Asbestos Not Present	NA	Tar
004b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
005	5	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar

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
005a		Layered	Black Tar	Asbestos Not Present	NA	Tar
005b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
006	6	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
006a		Layered	Black Tar	Asbestos Not Present	Cellulose 2	Tar
006b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
007	7	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose 40	Tar Sand

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Methodology: EPA/600/R-93/116	Project Number: 15-400-004.1521B

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
009	9	Layered	Gray Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
009a		Layered	Black Tar	Asbestos Not Present	NA	Tar
010	10	Homogeneous	Beige Flooring	Asbestos Not Present	Glass Fiber 15	CaCO3 Vinyl
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
012	12	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
013	13	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Layered	White Texture	Asbestos Not Present	NA	CaCO3
014a		Layered	White Texture	Asbestos Not Present	Talc <1	CaCO3 talc
014b		Layered	White Texture	Asbestos Not Present	NA	CaCO3 Talc
015	15	Layered	White Texture	Asbestos Not Present	NA	CaCO3
015a		Layered	Brown Plaster	Asbestos Not Present	NA	CaCO3 Sand
016	16	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
018	18	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
019	19	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
020	20	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
021	21	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
022	22	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022a		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 15	Vinyl

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022b		Layered	Yellow Mastic	Asbestos Not Present	NA	CaCO3 Glue
023	24	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
024	25	Homogeneous	Beige Ceramic Tile	Asbestos Not Present	NA	Quartz Clay
025	26	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	CaCO3 Quartz Clay
026	27	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
026a		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Vinyl

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	28	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
028	29	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
029	30	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
030	31	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3 Binder

Jeff Mlekush, Laboratory Manager

3/23/2015

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

For Lab Use Only  
 Lab No. 247652  
 Accept  Reject  
 Report Results  one box  
 QuanTEM Website  
 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: 15-400-004.1521B	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	3/16/15 1800	FedEx	<i>Judy Rowan</i>	3/17/15 9:45

### 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"/> PCM	<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"/> 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 checked="" 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"/>				



# 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>247652</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information						
Company: Harenda Management Group		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	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"/>				
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"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	24	<input type="checkbox"/>				
24	25	<input type="checkbox"/>				
25	26	<input type="checkbox"/>				
26	27	<input type="checkbox"/>				
27	28	<input type="checkbox"/>				
28	29	<input type="checkbox"/>				
29	30	<input type="checkbox"/>				
30	31	<input checked="" 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

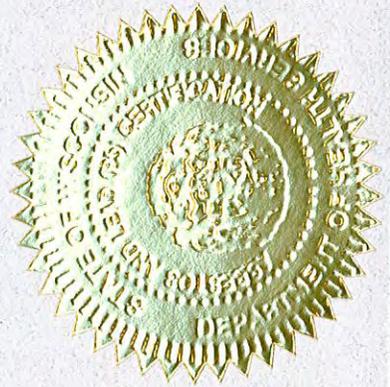
Asbestos Company - Primary

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



Scott Walker  
Governor

Kitty Rhoades  
Secretary



**State of Wisconsin**  
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659  
MADISON WI 53701-2659

Telephone: 608 266-1251  
FAX: 608 267-2832  
TTY: 888-701-1253  
dhs.wisconsin.gov

October 27, 2014

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations**, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

**Renewing Your Certification**

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) if paying by VISA or MasterCard credit or debit card.

**Certified Company Affiliation**

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.

**To Update Information and Apply Online**

You may make changes to your mailing address, other contact information, or your employer information by going to [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo) and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137  
P.O. Box 2659  
Madison WI 53701-2659

Phone: (608) 261-6876  
Email: [dhsasbestoslead@wi.gov](mailto:dhsasbestoslead@wi.gov)  
Internet: [www.dhs.wisconsin.gov](http://www.dhs.wisconsin.gov)

ASBESTOS INSPECTOR  
Issued By  
STATE OF WISCONSIN  
Dept. of Health Services  
Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 09/19/2015	222 lbs	5' 08"
		07/09/1971	Male

Training due by: 09/19/2015

**COPY**