



**ASBESTOS INSPECTION REPORT**  
**Job Site:**

**1 Family Dwelling**  
**2540 North Buffum 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.: 12-0210.2540**  
**Contract No.: 360-12-0553**

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**  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105

**July 2012**

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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 2540 North Buffum Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, tar paper, paper insulation, linoleum, window glazing compound, flue packing, furnace insulation, ceiling tile, and duct 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 July 19, 2012, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 2540 North Buffum Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable 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, tar paper, paper insulation, linoleum, window glazing compound, flue packing, furnace insulation, ceiling tile, and duct paper. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-2540	1 <sup>st</sup> floor – front entry – under floor tile – paper insulation	Negative	N/A	MPI
2-2540	1 <sup>st</sup> floor – west bedroom – under carpet – orange linoleum <i>Quantity includes back entry &amp; 2<sup>nd</sup> floor west bedroom</i>	Positive 20% Chrysotile	560 Sq. Ft.	MFLo
3-2540	1 <sup>st</sup> floor – north bedroom – orange linoleum	Positive 20% Chrysotile	Reference #2-2540	MFLo
4-2540	2 <sup>nd</sup> floor – east bedroom – orange linoleum	Positive 20% Chrysotile	Reference #2-2540	MFLo
5-2540a	1 <sup>st</sup> floor – west bedroom – ceiling – plaster base coat	Negative	N/A	SP1
5-2540b	1 <sup>st</sup> floor – west bedroom – ceiling – plaster skim coat	Negative	N/A	SP1
6-2540a	1 <sup>st</sup> floor – stair – west wall – plaster base coat	Negative	N/A	SP1
6-2540b	1 <sup>st</sup> floor – stair – west wall – plaster skim coat	Negative	N/A	SP1
7-2540a	1 <sup>st</sup> floor – pantry – east wall – plaster base coat	Negative	N/A	SP1
7-2540b	1 <sup>st</sup> floor – pantry – east wall – plaster skim coat	Negative	N/A	SP1
8-2540a	1 <sup>st</sup> floor – north bedroom – north wall – plaster base coat	Negative	N/A	SP1
8-2540b	1 <sup>st</sup> floor – north bedroom – north wall – plaster skim coat	Negative	N/A	SP1
9-2540a	2 <sup>nd</sup> floor – west bedroom – south wall – plaster base coat	Negative	N/A	SP1
9-2540b	2 <sup>nd</sup> floor – west bedroom – south wall – plaster skim coat	Negative	N/A	SP1
10-2540	2 <sup>nd</sup> floor – east bedroom – east side – tan and black linoleum	Negative	N/A	MFLtk
11-2540	2 <sup>nd</sup> floor – west bedroom – west window – glazing compound	Negative	N/A	MPG
12-2540	1 <sup>st</sup> floor – pantry – north window – glazing compound	Negative	N/A	MPG
13-2540	Basement – south window – glazing compound	Negative	N/A	MPG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14-2540	Basement – on chimney – west side near top – light gray flue packing	Positive 20% Chrysotile	1 Sq. Ft.	TFPyLight
15-2540	Basement – on chimney – west side near middle – gray flue packing	Positive 4% Chrysotile	2 Sq. Ft.	TFPy
16-2540	Basement – on chimney – east side – dark gray flue packing	Positive 10% Chrysotile	1 Sq. Ft.	TFPydark
17-2540	Basement – on duct near center – duct paper	Positive 60% Chrysotile	200 Sq. Ft.	TDW
18-2540	Basement – on duct west side – duct paper	Positive 60% Chrysotile	Reference 17-2540	TDW
19-2540	Basement – on return – duct paper	Positive 60% Chrysotile	Reference 17-2540	TDW
20-2540	Basement – on west side of furnace – exterior insulation	Negative	N/A	TFE
21-2540	1 <sup>st</sup> floor – kitchen – east side under floor tile – tar paper	Negative	N/A	MPT
22-2540	1 <sup>st</sup> floor – kitchen – west side under floor tile – tar paper	Negative	N/A	MPT
23-2540	1 <sup>st</sup> floor – pantry – under floor tile – tar paper	Negative	N/A	MPT
24-2540	1 <sup>st</sup> floor – kitchen – west side – 1' x 3' ceiling tile	Negative	N/A	MSCT13
25-2540	1 <sup>st</sup> floor – kitchen – center – 1' x 3' ceiling tile	Negative	N/A	MSCT13
26-2540	1 <sup>st</sup> floor – north bedroom – 1' x 3' ceiling tile	Negative	N/A	MSCT13
27-2540	1 <sup>st</sup> floor – bathroom – yellow linoleum	Positive 20% Chrysotile	30 Sq. Ft.	MFLI
28-2540	1 <sup>st</sup> floor – dining room – west side – 18" ceiling tile	Negative	N/A	MSCT18
29-2540	1 <sup>st</sup> floor – dining room – center – 18" ceiling tile	Negative	N/A	MSCT18
30-2540	1 <sup>st</sup> floor – dining room – east side – 18" ceiling tile	Negative	N/A	MSCT18
31-2540	Quality Assurance/ Quality Control Sample of Sample 1-2540	Negative	N/A	QAQC
32-2540	Quality Assurance/ Quality Control Sample of Sample 10-2540	Negative	N/A	QAQC

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	900 Sq. Ft.
1 <sup>st</sup> /2 <sup>nd</sup>	Dwelling	Asphalt Shingle Siding	1,500 Sq. Ft.
1 <sup>st</sup>	Front Entry/Pantry/Kitchen	Floor Tile & Mastic	600 Sq. Ft.
1 <sup>st</sup>	Kitchen/Living Room/Dining Room/Bathroom/Bedroom/Back Entry	Floor & Wall Mastic	1,300 Sq. Ft.
2 <sup>nd</sup>	Bedrooms	Floor Mastic	400 Sq. Ft.

#### Homogeneous Material Codes

SP1	Plaster
MDW	Drywall/Joint Compound
MPT	Tar Paper
MPI	Paper Insulation
MPG	Window Glazing Compound

### Homogeneous Material Codes

MFLo	Orange Linoleum
MFLtk	Tan & Black Linoleum
MFLI	Yellow Linoleum
MSCT13	1' x 3' Ceiling Tile
MSCT18	18" Ceiling Tile
TFPy	Gray Flue Packing
TFPylight	Light Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TDW	Duct Paper
TFE	Exterior Furnace Insulation
QA/QC	Quality Assurance/Quality Control Sample

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

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

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

**Note#4:** Additional duct paper may be discovered within walls and ceilings. Exploratory demolition required for exact quantity.

**Note#5:** Estimated cost for friable asbestos removal . 

## V. EXCLUSIONS

**No visible or accessible areas or material were excluded from this 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 Schneider Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that

the inspection and assessments contained herein are properly interpreted and implemented.

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

- |            |  |
|------------|--|
| <u>1</u>   | Fluorescent Lights – Living Room   |
| <u>N/A</u> | High Intensity Discharge<br>-Metal Halide<br>-High Pressure Sodium<br>-Mercury Vapor   |
| <u>N/A</u> | Neon   |
| <u>N/A</u> | Switches for lighting using mercury relays<br>-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 – Living 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 – 1 Furnace & 1 Water Heater in Basement

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

## ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

### PCBs

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

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

### OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>1</u>	Oil Tanks – Basement
<u>N/A</u>	Well Abandonment
<u>3</u>	Junk Auto Tires – Basement
<u>N/A</u>	Junk Vehicles

\* 7 Gallons Paint and 1 Water Meter in Basement

## VIII. LABORATORY RESULTS

**SCHNEIDER LABORATORIES GLOBAL**

INCORPORATED

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AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, VELAP 460135, NYELAP/NELAC 11413

**LABORATORY ANALYSIS REPORT**

Asbestos Identification by EPA Method' 600/R-93/116

Using SLI A6

**ACCOUNT #:** 4001-12-711  
**CLIENT:** Harenda Management Group  
**ADDRESS:** 1237 West Bruce Street  
 Milwaukee, WI 53204

**DATE COLLECTED:**  
**DATE RECEIVED:** 7/20/2012  
**DATE ANALYZED:** 7/24/2012  
**DATE REPORTED:** 7/25/2012

**PROJECT NAME:** DNS  
**JOB LOCATION:**  
**PROJECT NO.:** 12-0210.2540  
**PO NO.:**

**SampleType:** BULK

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
1-2540	31542686	Layer 1: Fibrous Material Black/Beige, Fibrous	None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
2-2540	31542687	Layer 1: Flooring Beige, Org.Bound/Fibrous	20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
3-2540	31542688	Layer 1: Flooring Beige, Org.Bound/Fibrous	20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
4-2540	31542689	Layer 1: Flooring Beige, Org.Bound/Fibrous	20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
5-2540	31542690	Layer 1: Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL

**Total Number of Pages in Report: 5**

Results relate only to samples as received by the laboratory.

Visit [www.slabinc.com](http://www.slabinc.com) for current certifications.

*Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-fragile, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.*

Account - Workorder 4001-12-711 (Continued)

Page 2 (Continued)

Client Sample No.	SU Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
	Layer 2:	Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
6-2540	31542691			
	Layer 1:	Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
	Layer 2:	Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
7-2540	31542692			
	Layer 1:	Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
	Layer 2:	Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
8-2540	31542693			
	Layer 1:	Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
	Layer 2:	Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
9-2540	31542694			
	Layer 1:	Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
	Layer 2:	Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
10-2540	31542695			
	Layer 1:	Flooring Black/Beige, Org.Bound/Fibrous	None Detected	35% CELLULOSE FIBER 50% NON FIBROUS MATERIAL 15% MINERAL/GLASS WOOL
11-2540	31542696			
	Layer 1:	Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL

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Account - Workorder 4001-12-711 (Continued)

Page 3 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
12-2540	31542697			
Layer 1:	Granular Material Beige/Brown, Granular		None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
13-2540	31542698			
Layer 1:	Granular Material Beige/Brown, Granular		None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
14-2540	31542699			
Layer 1:	Powdery Material Beige, Powdery		20% CHRYSOTILE	80% NON FIBROUS MATERIAL
15-2540	31542700			
Layer 1:	Granular Material Green/Beige, Granular		4% CHRYSOTILE	96% NON FIBROUS MATERIAL
16-2540	31542701			
Layer 1:	Fibrous Material Brown, Fibrous		10% CHRYSOTILE	40% CELLULOSE FIBER 20% MINERAL/GLASS WOOL 30% NON FIBROUS MATERIAL
17-2540	31542702			
Layer 1:	Fibrous Material Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
18-2540	31542703			
Layer 1:	Fibrous Material Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
19-2540	31542704			
Layer 1:	Fibrous Material Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
20-2540	31542705			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL

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Account - Workorder 4001-12-711 (Continued)

Page 4 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
21-2540	31542706			
Layer 1:	Fibrous Material Brown/Black, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
22-2540	31542707			
Layer 1:	Fibrous Material Brown/Brown, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
23-2540	31542708			
Layer 1:	Fibrous Material Brown/Black, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
24-2540	31542709			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL
25-2540	31542710			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL
26-2540	31542711			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL
27-2540	31542712			
Layer 1:	Flooring Tan, Org. Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
28-2540	31542713			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL
29-2540	31542714			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL

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Account - Workorder 4001-12-711 (Continued)

Page 5 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
30-2540	31542715			
Layer 1:	Ceiling Tile Tan, Fibrous		None Detected	85% CELLULOSE FIBER 15% NON FIBROUS MATERIAL
31-2540	31542716			
Layer 1:	Fibrous Material Black/Beige, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
32-2540	31542717			
Layer 1:	Flooring Beige/Black, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL

*Mohammed Hashim*Analyst: **MOHAMMED B. HASHIM***Reel Hashim*Reviewed By: **Reel Hashim, Analyst**

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WorkOrderKey



V : \ 898 \ 898610

Submitting Co. <b>Harenda Management Group</b>	Lab Use-WO#	Phone # <b>414-383-4800</b>
P.O. Box 511305	Acct#	FAX # & E-mail <b>414-383-4805</b>
New Berlin, WI 53151	<b>4001</b>	<b>djacobsen@harenda.com</b>

Project Name: **DNS** *Special Instructions (Include requests for special reporting or data packages)*

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **12-0210, 2540**

PO Number: **WI** *State Of Collection*

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> HI-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> HI-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> <input type="checkbox"/> Soil <input type="checkbox"/>	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/>	<b>Asbestos Bulk / Asb ID</b> <input checked="" type="checkbox"/> PLM (EPA 800, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.1/4/6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield) <input type="checkbox"/> <b>FOR ASBESTOS AIR:</b> TYPE OF RESPIRATOR USED:	<b>Metals - Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> <input type="checkbox"/> <b>Metals - Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <input type="checkbox"/> <b>Others</b> <input type="checkbox"/>

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type <sup>1</sup> A,B,P,E	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total <sup>4</sup> Air Vol
						Start	Stop	Start	Stop	
1-2540										
2-2540										
3-2540										
4-2540										
5-2540										
6-2540										
7-2540										
8-2540										
9-2540										
10-2540										
11-2540										
12-2540										

<sup>1</sup>Type: A=area B=blank P=personal E=excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Pump Calibration in Liters/Minute <sup>4</sup>Volume in Liters (time in min / flow in L/min)

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <b>Dean Jacobsen</b> SIGNATURE <i>[Signature]</i> DATE/TIME <b>7/19/12 17:00</b>	<i>[Handwritten Signature]</i> <b>7/20</b>	<input checked="" type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB WB: <b>484</b>
--	---	---	--



### SCHNEIDER LABORATORIES, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

www.slabin.com e-mail: info@slabin.com

WO Label:

Submitting Co. <b>Harenda Management Group</b>	Lab Use- WO #	Phone # <b>414-383-4800</b>
P.O. Box 511305	Acct #	
New Berlin, WI 53181	<b>4001</b>	Fax # & E-mail <b>414-383-4805 djacobsen@harenda.com</b>

Project Name: **DNS** Special Instructions (include requests for special reporting or data packages)

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **12-0210. 2540**

PO Number: State Of Collection **WI**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> _____ <input type="checkbox"/> Soil <input type="checkbox"/> _____	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> _____ <b>Miscellaneous Tests:</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/> _____	<b>Asbestos Bulk / Aeb ID</b> <input checked="" type="checkbox"/> PLM (EPA 800, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.1/4/6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield) <input type="checkbox"/> _____ <b>FOR ASBESTOS AIR:</b> TYPE OF RESPIRATOR USED:	<b>Metals-Total Conc:</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> _____ <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <b>Others:</b> <input type="checkbox"/> _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type <sup>1</sup> A,B,P,E	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total <sup>4</sup> Air Vol
						Start	Stop	Start	Stop	
13-2540										
14-2540										
15-2540										
16-2540										
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20-2540										
21-2540										
22-2540										
23-2540										
24-2540										

<sup>1</sup>Type: A=area B=blank P=personal E=excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Pump Calibration in Liters/Minute <sup>4</sup>Volume in Liters [time in min \* flow in L/min]

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <b>Dean Jacobsen</b> SIGNATURE DATE/TIME <b>7/19/12 17:00</b>	<input type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB WB: _____
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## **IX. HMG CERTIFICATION**



**ASBESTOS INSPECTOR**

Issued By

**STATE OF WISCONSIN**

**Dept. of Health Services**

Dean T Jacobsen

W131s6781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
ALL-14370	Exp: 12/01/2012	12/12/1963	Male

Training due by: 12/01/2012



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**1 Family Dwelling  
5012 West Medford Avenue  
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.: 13-2000-068.5012  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

**HARENDA MANAGEMENT GROUP**  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105

**June 2013**

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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 5012 West Medford Avenue, Milwaukee, Wisconsin.

The inspection included linoleum, ceiling tile, ceiling tile glue pods, drywall with texture, tar paper, window glazing compound and attic insulation 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 June 04, 2013, HMG conducted an asbestos inspection of a one family dwelling scheduled for mechanical demolition, located at 5012 West Medford Avenue, 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 nonfriable 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) linoleum, ceiling tile, ceiling tile glue pods, drywall with texture, tar paper, window glazing compound and attic insulation. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-5012	1 <sup>st</sup> floor – south east entrance – west side – light brown linoleum	Negative	N/A	MFLn light
2-5012	1 <sup>st</sup> floor – kitchen – top layer – white/tan linoleum	Negative	N/A	MFLwt
3-5012	1 <sup>st</sup> floor – kitchen – middle layer – tan/gray linoleum	Negative	N/A	MFLty
4-5012a	1 <sup>st</sup> floor – kitchen – bottom layer – beige/pink linoleum	Negative	N/A	MFLep
4-5012b	1 <sup>st</sup> floor – kitchen – bottom layer – linoleum	Negative	N/A	MFLep
4-5012c	1 <sup>st</sup> floor – kitchen – bottom layer – tan/brown floor tile	Negative	N/A	MFLep
5-5012	1 <sup>st</sup> floor – bathroom – top layer – dark brown linoleum	Negative	N/A	MFLn dark
6-5012	1 <sup>st</sup> floor – bathroom – 2 <sup>nd</sup> layer – dark gray linoleum	Negative	N/A	MFLy dark
7-5012	1 <sup>st</sup> floor – bathroom – 3 <sup>rd</sup> layer – light gray linoleum	Negative	N/A	MFLy light
8-5012a	1 <sup>st</sup> floor – bathroom – 4 <sup>th</sup> layer – tan linoleum	Negative	N/A	MFLt
8-5012b	1 <sup>st</sup> floor – bathroom – 4 <sup>th</sup> layer – cream linoleum	Negative	N/A	MFLc
9-5012	1 <sup>st</sup> floor – south east entrance – cream 9”x9” ceiling tile	Negative	N/A	MSCT9x9c
10-5012	1 <sup>st</sup> floor – kitchen – white 2’x4’ ceiling tile	Negative	N/A	MSCT2x4w
11-5012	1 <sup>st</sup> floor – living room – off white 2’x4’ ceiling tile	Negative	N/A	MSCT2x4w – off
12-5012	1 <sup>st</sup> floor – bedroom – cream 2’x4’ ceiling tile	Negative	N/A	MSCT2x4c
13-5012	1 <sup>st</sup> floor – north east room – white 9”x9” ceiling tile	Negative	N/A	MSCT9x9w
14-5012	1 <sup>st</sup> floor – south east entrance – tan ceiling tile glue pod	Negative	N/A	MGPt
15-5012	1 <sup>st</sup> floor – living room – brown ceiling tile glue pod	Negative	N/A	MGPn
16-5012	1 <sup>st</sup> floor – north east room – dark brown ceiling tile glue pod	Negative	N/A	MGPn dark
17-5012	1 <sup>st</sup> floor – south east entrance – north east wall – texture	Negative	N/A	STX

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
18-5012a	1 <sup>st</sup> floor – living room – beneath floor tile – black tar paper	Negative	N/A	MPT
18-5012b	1 <sup>st</sup> floor – living room – beneath floor tile – black tar	Negative	N/A	MPT
19-5012	1 <sup>st</sup> floor – bedroom – beneath floor tile – black tar paper	Negative	N/A	MPT
20-5012	1 <sup>st</sup> floor – south east entrance – transite pipe	<b>Positive 20% Chrysotile</b>	<b>12 Ln. Ft.</b>	<b>MTP</b>
21-5012	1 <sup>st</sup> floor – west entrance – near front door – window glazing compound	Negative	N/A	MPG
22-5012	2 <sup>nd</sup> floor – attic crawlspace – blown in insulation	Negative	N/A	MBI

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	300 Sq. Ft.
1 <sup>st</sup>	South East Room/Living Room & Bedroom	Floor Tile & Mastic	230 Sq. Ft.

**Homogeneous Material Codes**

MFLn light	Light Brown Linoleum
MFLwt	White/Tan Linoleum
MFLty	Tan/Gray Linoleum
MFLep	Beige/Pink Linoleum
MFLn dark	Dark Brown Linoleum
MFLy dark	Dark Gray Linoleum
MFLy light	Light Gray Linoleum
MFLt	Tan Linoleum
MSCT9x9c	Cream 9”x9” Ceiling Tile
MSCT2x4w	White 2’x4’ Ceiling Tile
MSCT2x4w-off	Off White 2’x4’ Ceiling Tile
MSCT2x4c	Cream 2’x4’ Ceiling tile
MSCT9x9w	White 9”x9” Ceiling Tile
MGPt	Tan Ceiling Tile Glue Pod
MGPn	Brown Ceiling Tile Glue Pod
MGPn dark	Dark Brown Ceiling Tile Glue Pod
STX	Texture
MPT	Tar Paper
MTP	Transite Pipe
MPG	Window Glazing Compound
MBI	Blown in Insulation

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

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

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

**Note#4:** Additional transite piping may be discovered between structural walls and ceilings. Exploratory demolition is required for exact quantity.

**Note#5:** Estimated cost for friable asbestos removal... [REDACTED]

## V. EXCLUSIONS

**Attic not accessible. Roof visible only from ground. No other visible or accessible areas or material were excluded from this scope of work.**

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

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

## VI. LIMITATIONS

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

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

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

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

### BOILERS, FURNACES, HEATERS AND TANKS

<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

\* 1 Gas Meter – Exterior

## VIII. LABORATORY RESULTS



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

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 222427	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/06/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 06/11/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.5012

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6-5012	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
007	7-5012	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	10 5 Vinyl Binder
008	8-5012	Layered	Gray Sheet Vinyl Backing	Asbestos Not Present	Glass Fiber Synthetic	5 5 Binder
008a		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose	10 Vinyl Binder
009	9-5012	Homogeneous	Cream Ceiling Tile	Asbestos Not Present	Glass Fiber	90 Paint
010	10-5012	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	55 5 Perlite Paint
011	11-5012	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30 Perlite Paint

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

QuantEM is a NVLAP accredited TEM and 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 other 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. 222427

Client: Harenda Management Group

Account Number: B929

Jolene Harenda

P.O. Box 511305

New Berlin, WI 53151-2105

Date Received: 06/06/2013

Received By: Joanna Mueller

Date Analyzed: 06/11/2013

Project: DNS

Analyzed By: Sandy Baker

Project Location: Milwaukee, WI

Methodology: EPA/600/R-93/116

Project Number: 13-2000-068.5012

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12-5012	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
013	13-5012	Homogeneous	White Ceiling Tile	Asbestos Not Present	Glass Fiber 90	Paint
014	14-5012	Layered	White Ceiling Tile	Asbestos Not Present	Glass Fiber 90	Paint
014a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
015	15-5012	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
016	16-5012	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
017	17-5012	Homogeneous	Green 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 TEM and 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 other 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. 222427	Client: Harenda Management Group
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Date Received: 06/06/2013	P.O. Box 511305
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Date Analyzed: 06/11/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.5012

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18-5012	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
018a		Layered	Black Tar	Asbestos Not Present	NA	Tar
019	19-5012	Homogeneous	Black Tar Paper	Asbestos Not Present	NA	Tar
020	20-5012	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	Quartz CaCO3
021	21-5012	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
022	22-5012	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

Sandy Baker, Analyst

6/11/2013  
Date of Report

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

QuantEM is a NVLAP accredited TEM and 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 other 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

Lab No. 222401  
 Accept  Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	<input type="checkbox"/> Quantem Website <input checked="" type="checkbox"/> Other email _____
Contact: Crysta Font	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 13-2000-068.5012	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	6/5/13 1700	FedEx	<i>[Signature]</i>	6/6/13 9:40

### 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	<b>PCM</b>	<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 checked="" type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1-5012	<input checked="" type="checkbox"/>				Do Not Analyze Matrix
2	2-5012	<input type="checkbox"/>				
3	3-5012	<input type="checkbox"/>				
4	4-5012	<input type="checkbox"/>				
5	5-5012	<input type="checkbox"/>				
6	6-5012	<input type="checkbox"/>				
7	7-5012	<input type="checkbox"/>				
8	8-5012	<input type="checkbox"/>				
9	9-5012	<input type="checkbox"/>				
10	10-5012	<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**

Lab No. <u>222427</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

<b>Project Information</b>		
Company: <u>Harenda Management Group</u>	Project Name: <u>DNS</u>	Project Location: <u>Milwaukee, WI</u>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-5012	<input checked="" type="checkbox"/>				Do Not Analyze Matrix
12	12-5012	<input type="checkbox"/>				
13	13-5012	<input type="checkbox"/>				
14	14-5012	<input type="checkbox"/>				
15	15-5012	<input type="checkbox"/>				
16	16-5012	<input type="checkbox"/>				
17	17-5012	<input type="checkbox"/>				
18	18-5012	<input type="checkbox"/>				
19	19-5012	<input type="checkbox"/>				
20	20-5012	<input type="checkbox"/>				
21	21-5012	<input type="checkbox"/>				
22	22-5012	<input checked="" type="checkbox"/>				
23		<input type="checkbox"/>				
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**2 Family Dwelling  
3731 West Stark 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.: 13-2000-068.3731  
Contract No.: 360-13-0745**

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**  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105

**May 2013**

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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 3731 West Stark Street, Milwaukee, Wisconsin.

The inspection included plaster, ceiling tile, linoleum, blown in insulation, window glazing compound, duct wrap, ceramic floor tile, transite, paper insulation, tar paper, drywall/joint compound, texture 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*.

## II. BUILDING SURVEY

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

**On April 23, 2013, HMG conducted an asbestos inspection of a two family dwelling scheduled for mechanical demolition, located at 3731 West Stark 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 nonfriable 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) plaster, ceiling tile, linoleum, blown in insulation, window glazing compound, duct wrap, ceramic floor tile, transite, paper insulation, tar paper, drywall/joint compound, texture and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1Aa	1 <sup>st</sup> floor – front room – east wall – white plaster skim coat	Negative	N/A	SP1
1Ab	1 <sup>st</sup> floor – front room – east wall – white plaster base coat	Negative	N/A	SP1
1Ba	1 <sup>st</sup> floor – kitchen – west wall – white plaster skim coat	Negative	N/A	SP1
1Bb	1 <sup>st</sup> floor – kitchen – west wall – white plaster base coat	Negative	N/A	SP1
1Ca	1 <sup>st</sup> floor – west bedroom – south wall – white plaster skim coat	Negative	N/A	SP1
1Cb	1 <sup>st</sup> floor – west bedroom – south wall – white plaster base coat	Negative	N/A	SP1
2Aa	2 <sup>nd</sup> floor – north bedroom – plaster skim coat no. 2	Negative	N/A	SP1 #2
2Ab	2 <sup>nd</sup> floor – north bedroom – plaster base coat no. 2	Negative	N/A	SP1 #2
2Ba	2 <sup>nd</sup> floor – hallway – plaster skim coat no. 2	Negative	N/A	SP1 #2
2Bb	2 <sup>nd</sup> floor – hallway – plaster base coat no. 2	Negative	N/A	SP1 #2
2Ca	2 <sup>nd</sup> floor – north west bedroom – west wall – plaster skim coat no. 2	Negative	N/A	SP1 #2
2Cb	2 <sup>nd</sup> floor – north west bedroom – west wall – plaster base coat no. 2	Negative	N/A	SP1 #2
3Aa	Attic stairwell – south wall – plaster skim coat	Negative	N/A	SP1
3Ab	Attic stairwell – south wall – plaster base coat	Negative	N/A	SP1
4A	1 <sup>st</sup> floor – front room – ceiling tile	Negative	N/A	MSCT
5A	1 <sup>st</sup> floor – front entrance – ceiling tile	Negative	N/A	MSCT
6A	1 <sup>st</sup> floor – east bedroom – ceiling tile	Negative	N/A	MSCT
7	1 <sup>st</sup> floor – hallway – tan linoleum	Negative	N/A	MFLt
8	1 <sup>st</sup> floor – bathroom – beneath sink – yellow linoleum	Negative	N/A	MFLt

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
9	1 <sup>st</sup> floor – north bedroom – inside south wall – blown in insulation	Negative	N/A	MBI
10	2 <sup>nd</sup> floor – north bedroom – inside east wall – blown in insulation	Negative	N/A	MBI
10A	Attic stairwell – inside west wall – blown in insulation	Negative	N/A	MBI
11A	Basement – south window – window glazing compound	Negative	N/A	MPG
11B	1 <sup>st</sup> floor – kitchen – east window – window glazing compound	Negative	N/A	MPG
11C	2 <sup>nd</sup> floor – east bedroom – west window – window glazing compound	Negative	N/A	MPG
12A	1 <sup>st</sup> floor – kitchen – duct wrap	Positive 75% Chrysotile	55 Sq. Ft.	TDW
12B	1 <sup>st</sup> floor – living room – duct on south wall – duct wrap	Positive 75% Chrysotile	Reference #12A	TDW
12C	2 <sup>nd</sup> floor – bathroom – duct on east wall – duct wrap	Positive 75% Chrysotile	Reference #12A	TDW
13a	1 <sup>st</sup> floor – kitchen – ceramic floor tile	Negative	N/A	MCTM
13b	1 <sup>st</sup> floor – kitchen – ceramic floor tile grout	Negative	N/A	MCTM
14A	Exterior – south side of house – transite siding	Positive 20% Chrysotile	1,800 Sq. Ft.	MTP
14B	Exterior – north side of house – transite siding	Positive 20% Chrysotile	Reference #14A	MTP
14C	Exterior – west side of house – transite siding	Positive 20% Chrysotile	Reference #14A	MTP
15A	Exterior – south side, beneath transite siding – silver paper insulation	Negative	N/A	MPIs
15B	Exterior – west side, beneath transite siding – silver paper insulation	Negative	N/A	MPIs
15C	Exterior – north side, beneath transite siding – silver paper insulation	Negative	N/A	MPIs
16A	Exterior – north side, beneath transite siding and paper insulation – tar paper	Negative	N/A	MPT
17Aa	Garage – interior east wall – brown paper insulation	Negative	N/A	MPIn
17Ab	Garage – interior east wall – brown insulation	Negative	N/A	MPIn
17B	Garage – interior south wall – brown paper insulation	Negative	N/A	MPIn
17C	Garage – interior west wall – brown paper insulation	Negative	N/A	MPIn
18Aa	1 <sup>st</sup> floor – kitchen – north wall – drywall	Negative	N/A	MDW
18Ab	1 <sup>st</sup> floor – kitchen – north wall – joint compound	Negative	N/A	MDW
18B	Attic – north room – ceiling – drywall	Negative	N/A	MDW
18C		Negative	N/A	MDW
19A	Rear stairwell – on steps and landings – gray linoleum	Negative	N/A	MFLy
20A	Rear stairwell – on 6 <sup>th</sup> step from top – cream/gray linoleum	Negative	N/A	MFLcy

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
21A	2 <sup>nd</sup> floor – north west bedroom – top layer – brown linoleum	Negative	N/A	MFLn
22A	2 <sup>nd</sup> floor – north west bedroom – bottom layer – brown/black linoleum	Negative	N/A	MFLnk
23A	2 <sup>nd</sup> floor – north west bedroom – scrap on floor – white linoleum	Negative	N/A	MFLw
24A	Attic – west room – ceiling – texture	Negative	N/A	STX
24B	Attic – west room – south wall – texture	Negative	N/A	STX
24C	2 <sup>nd</sup> floor – rear stairwell – east wall – texture	Negative	N/A	STX
25A	2 <sup>nd</sup> floor – front stairwell – on steps – tan/brown linoleum	Negative	N/A	MFLtn
26A	Basement stairwell – on steps – brown/gray linoleum	Negative	N/A	MFLny
27A	Basement – on chimney – flue packing	Negative	N/A	TFP

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	750 Sq. Ft.
Siding	Dwelling (East & West Sides Only)	Asphalt Shingle Siding	1,800 Sq. Ft.
Roof	Garage	Asphalt Shingles & Flashing	400Sq. Ft.
1 <sup>st</sup>	Hallway	Floor Tile & Mastic	30 Sq. Ft.

### Homogeneous Material Codes

SP1	Plaster
SP1 #2	Plaster No.2
MSCT	Ceiling Tile
MFLt	Tan Linoleum
MFLl	Yellow Linoleum
MBI	Blown In Insulation
MPG	Window Glazing Compound
TDW	Duct Wrap
MCTM	Ceramic Floor Tile & Grout
MTP	Transite Siding
MPis	Silver Paper Insulation
MPT	Tar Paper
MPIn	Brown Paper Insulation
MDW	Drywall/Joint Compound
MFLy	Gray Linoleum
MFLcy	Cream/Gray Linoleum
MFLn	Brown Linoleum
MFLnk	Brown/Black Linoleum
MFLw	White Linoleum
STX	Texture
MFLtn	Tan/Brown Linoleum
MFLny	Brown/Gray Linoleum
TFP	Flue Packing

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

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

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

**Note#4:** Additional duct wrap may be discovered between structural walls and ceilings. Exploratory demolition is required for exact quantity.

**Note#5:** Estimated cost for friable asbestos removal .. 

## V. EXCLUSIONS

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

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

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

## VI. LIMITATIONS

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

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

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

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

### BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces & 2 Hot Water Heaters in the 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 were 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>  2  </u>	Oil Tanks – Basement
<u>  N/A  </u>	Well Abandonment
<u>  N/A  </u>	Junk Auto Tires
<u>  N/A  </u>	Junk Vehicles

\*\* 2 Gas Meters in the Basement

\*\* 1 Quart of Motor Oil in the Garage

**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. 221036	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/03/2013	P.O. Box 511305
Received By: Barbara Holder	New Berlin, WI 53151-2105
Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1A	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
001a		Homogeneous	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
002	1B	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
002a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
003	1C	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
003a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
004	2A	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint

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

QuantEM is a NVLAP accredited TEM and 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 other 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. 221036	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/03/2013	P.O. Box 511305
Received By: Barbara Holder	New Berlin, WI 53151-2105
Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
005	2B	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	2C	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	3A	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3

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

QuantEM is a NVLAP accredited TEM and 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 other 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. 221036	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/03/2013	P.O. Box 511305
Received By: Barbara Holder	New Berlin, WI 53151-2105
Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	4A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
009	5A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
010	6A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
011	7	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose 25	Tar
012	8	Homogeneous	Yellow Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
013	9	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
014	10	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	

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. 221036	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/03/2013	P.O. Box 511305
Received By: Barbara Holder	New Berlin, WI 53151-2105
Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015	10A	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
016	11A	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
017	11B	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
018	11C	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
019	12A	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
020	12B	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
021	12C	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder

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### Polarized Light Microscopy Asbestos Analysis Report

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Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color/Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	13	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
022a		Layered	White Grout	Asbestos Not Present	NA	Quartz CaCO3
023	14A	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
024	14B	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
025	14C	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
026	15A	Homogeneous	Silver/Black Wrap	Asbestos Not Present	Cellulose 40	Tar Foil
027	15B	Homogeneous	Silver/Black Wrap	Asbestos Not Present	Cellulose 40	Tar Foil

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. 221036

Account Number: B929

Date Received: 05/03/2013

Received By: Barbara Holder

Date Analyzed: 05/06/2013

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Client: Harena Management Group

Jolene Harena

P.O. Box 511305

New Berlin, WI 53151-2105

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-068.3731

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	15C	Homogeneous	Silver/Black Wrap	Asbestos Not Present	Cellulose 40	Tar Foil
029	16A	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
030	17A	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 40	Tar
030a		Layered	Brown Insulation	Asbestos Not Present	Cellulose 90	Binder
031	17B	Homogeneous	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 45	Tar
032	17C	Homogeneous	Brown/Black Tar Paper	Asbestos Not Present	Cellulose 45	Tar
033	18A	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 221036	Client: Harenda Management Group
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Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
034	18B	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
035	18C	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
036	19A	Homogeneous	Tan Backing	Asbestos Not Present	Cellulose 40 Synthetic 40	Binder
037	20A	Homogeneous	Tan Backing	Asbestos Not Present	Cellulose 80	Binder
038	21A	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
039	22A	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar

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### Polarized Light Microscopy Asbestos Analysis Report

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Date Analyzed: 05/06/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	23A	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
041	24A	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
042	24B	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
043	24C	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
044	25A	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar
045	26A	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose 10 Synthetic 10	CaCO3
046	27A	Homogeneous	Gray Mortar	Asbestos Not Present	NA	Quartz CaCO3

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

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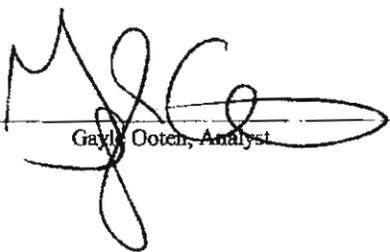


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### Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3731

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
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Gayle Ooten, Analyst

5/6/2013  
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

Lab No. 221026  
 Accept  Reject

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	<input type="checkbox"/> QuantEM Website
Contact: <b>Crysta Font</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	<input checked="" type="checkbox"/> Other <u>email</u>
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>13-2000-068.3731</b>	
SAMPLED BY: Name: <b>Dean Jacobsen</b>	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	<b>5/21/18 00</b>	<b>FedEx</b>	<i>[Signature]</i>	<b>5-31-18 9:45</b>

REQUESTED SERVICES (Please  the Appropriate Boxes)

PLM	PLM	AIR	TEK	OTHER
<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	<b>PCM</b>	<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)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1A	<input checked="" type="checkbox"/>				<i>Do NOT Analyze Mastics</i>
2	1B	<input type="checkbox"/>				
3	1C	<input type="checkbox"/>				
4	2A	<input type="checkbox"/>				
5	2B	<input type="checkbox"/>				
6	2C	<input type="checkbox"/>				
7	3A	<input type="checkbox"/>				
8	4A	<input type="checkbox"/>				
9	5A	<input type="checkbox"/>				
10	6A	<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>221026</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>
--	--------------------------	--

No.	Sample ID <small>(No Exceeds MAX)</small>	☑ To Be Analyzed	Qty	Description	Volume (if applicable)	Comments
11	7	<input checked="" type="checkbox"/>				<p><i>Do NOT Analyze Mastes</i></p>
12	8	<input type="checkbox"/>				
13	9	<input type="checkbox"/>				
14	10	<input type="checkbox"/>				
15	10A	<input type="checkbox"/>				
16	11A	<input type="checkbox"/>				
17	11B	<input type="checkbox"/>				
18	11C	<input type="checkbox"/>				
19	12A	<input type="checkbox"/>				
20	12B	<input type="checkbox"/>				
21	12C	<input type="checkbox"/>				
22	13	<input type="checkbox"/>				
23	14A	<input type="checkbox"/>				
24	14B	<input type="checkbox"/>				
25	14C	<input type="checkbox"/>				
26	15A	<input type="checkbox"/>				
27	15B	<input type="checkbox"/>				
28	15C	<input type="checkbox"/>				
29	16A	<input type="checkbox"/>				
30	17A	<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 Client Only	
Lab No.	221036
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information		
Company: Harenda Management Group	Project Name: DNS	Project Location: Milwaukee, WI

Sample ID (16 Characters Max)	<input type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area / Weight	Comments
31 17B	<input checked="" type="checkbox"/>				Do NOT Analyze Mastics
32 17C	<input type="checkbox"/>				
33 18A	<input type="checkbox"/>				
34 18B	<input type="checkbox"/>				
35 18C	<input type="checkbox"/>				
36 19A	<input type="checkbox"/>				
37 20A	<input type="checkbox"/>				
38 21A	<input type="checkbox"/>				
39 22A	<input type="checkbox"/>				
40 23A	<input type="checkbox"/>				
41 24A	<input type="checkbox"/>				
42 24B	<input type="checkbox"/>				
43 24C	<input type="checkbox"/>				
44 25A	<input type="checkbox"/>				
45 26A	<input type="checkbox"/>				
46 27A	<input checked="" type="checkbox"/>				
47	<input type="checkbox"/>				
48	<input type="checkbox"/>				
49	<input type="checkbox"/>				
50	<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**



Scott Walker  
Governor

Kitty Rhoades  
Secretary

State of Wisconsin  
Department of Health Services

May 1, 2013

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: [dhasbestoslead@wi.gov](mailto:dhasbestoslead@wi.gov)  
Internet: [www.dhs.wisconsin.gov](http://www.dhs.wisconsin.gov)



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: 03/27/2014	10/19/1974	Male

Training due by: 03/27/2014



**ASBESTOS SNIP INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
3215 North 23<sup>rd</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.: 13-2000-399.3215  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**December 2013**

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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 3215 North 23<sup>rd</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, drywall, blown in insulation, duct paper, linoleum, flue packing, joint compound patch, window glazing compound, and asphalt shingle siding 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 December 13, 2013, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3215 North 23<sup>rd</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

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

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

## III. THE LABORATORY

### A. METHOD OF ANALYSIS

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

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

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

#### IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include included plaster, texture, drywall, blown in insulation, duct paper, linoleum, flue packing, joint compound patch, window glazing compound, and asphalt shingle siding. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-3215	2 <sup>nd</sup> floor – east room – west wall – plaster	Negative	N/A	SPI
2-3215	2 <sup>nd</sup> floor – east room – ceiling – plaster	Negative	N/A	SPI
3-3215	1 <sup>st</sup> floor – dining room – west wall – plaster base coat	Negative	N/A	SPI
4-3215	1 <sup>st</sup> floor – front room – north wall – plaster	Negative	N/A	SPI
5-3215	Basement – stair – south wall – plaster	Negative	N/A	SPI
6-3215a	2 <sup>nd</sup> floor – east room – west wall – joint compound	Negative	N/A	MDW
6-3215b	2 <sup>nd</sup> floor – east room – west wall – joint compound layer 2	Negative	N/A	MDW
6-3215c	2 <sup>nd</sup> floor – east room – west wall – drywall	Negative	N/A	MDW
7-3215a	2 <sup>nd</sup> floor – main room – south wall – joint compound	Negative	N/A	MDW
7-3215b	2 <sup>nd</sup> floor – main room – south wall – joint compound layer 2	Negative	N/A	MDW
7-3215c	2 <sup>nd</sup> floor – main room – south wall – drywall	Negative	N/A	MDW
8-3215a	1 <sup>st</sup> floor – kitchen – west wall – joint compound	Negative	N/A	MDW
8-3215b	1 <sup>st</sup> floor – kitchen – west wall – joint compound layer 2	Negative	N/A	MDW
8-3215c	1 <sup>st</sup> floor – kitchen – west wall – drywall	Negative	N/A	MDW
9-3215	2 <sup>nd</sup> floor – northeast crawl space – in wall – blown in insulation	Negative	N/A	MBI
10-3215	1 <sup>st</sup> floor – kitchen – in ceiling – blown in insulation	Negative	N/A	MBI
11-3215	1 <sup>st</sup> floor – dining room – in south wall – blown in insulation	Negative	N/A	MBI
<b>12-3215</b>	<b>1<sup>st</sup> floor – north bedroom – on south wall duct – duct paper</b> <i>Quantity includes 1<sup>st</sup> floor and basement ducts</i>	<b>Positive 25% Chrysotile</b>	<b>6 Sq. Ft.</b>	<b>TDW</b>
13-3215a	1 <sup>st</sup> floor – bathroom – on walls – texture layer 1	Negative	N/A	STX
13-3215b	1 <sup>st</sup> floor – bathroom – on walls – texture layer 2	Negative	N/A	STX
13-3215b	1 <sup>st</sup> floor – bathroom – on walls – texture layer 3	Negative	N/A	STX
14-3215	1 <sup>st</sup> floor – rear stair – beige linoleum	Negative	N/A	MFLe
15-3215	Basement – on chimney – flue packing	Negative	N/A	TFP
16-3215	Basement – on north wall – joint compound patch	Negative	N/A	MJC
17-3215	Basement – south window – glazing compound	Negative	N/A	MPG
18-3215	Exterior – west wall – asphalt shingle siding	Negative	N/A	MSS
19-3215	Exterior – east wall – asphalt shingle siding	Negative	N/A	MSS

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
20-3215	Exterior – south wall – asphalt shingle siding	Negative	N/A	MSS

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,200 Sq. Ft.
1 <sup>st</sup>	Stair	Floor Mastics	50 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
STX	Texture
MDW	Drywall
MPG	Glazing Compound
MBI	Blown in Insulation
MJC	Joint Compound Patch
MFLe	Beige Linoleum
MSS	Asphalt Shingle Siding
TDW	Duct Paper
TFP	Flue Packing

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

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

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

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

**Note#5:** Estimated cost for friable asbestos removal.. [REDACTED]

**V. EXCLUSIONS**

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

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

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

## VI. LIMITATIONS

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

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

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

### **HVAC**

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

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

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

### **BOILERS, FURNACES, HEATERS AND TANKS**

<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 Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 230012

Account Number: B929

Date Received: 12/16/2013

Received By: Alex Raymond

Date Analyzed: 12/17/2013

Analyzed By: Cristal Veech

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-399.3215

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-3215	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum Mica
002	2-3215	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum Mica
003	3-3215	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
004	4-3215	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 2	Sand Gypsum
005	5-3215	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 2 Glass Fiber <1	Sand Gypsum
006	6-3215	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
006a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite

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

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



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 230012	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/16/2013	1237 West Bruce St.
Received By: Alex Raymond	Milwaukee, WI 53204
Date Analyzed: 12/17/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.3215

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	3 Gypsum
007	7-3215	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
007a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
007b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	3 Gypsum
008	8-3215	Layered	White Texture	Asbestos Not Present	NA	CaCO3
008a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
008b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5 Gypsum

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

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Quantem Lab No. 230012	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/16/2013	1237 West Bruce St.
Received By: Alex Raymond	Milwaukee, WI 53204
Date Analyzed: 12/17/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.3215

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009	9-3215	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
010	10-3215	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
011	11-3215	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
012	12-3215	Homogeneous	Gray Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
013	13-3215	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
013a		Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum Sand
013b		Layered	White Plaster	Asbestos Not Present	Cellulose 3	Sand Gypsum

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

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



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 230012

Account Number: B929

Date Received: 12/16/2013

Received By: Alex Raymond

Date Analyzed: 12/17/2013

Analyzed By: Cristal Veech

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-399.3215

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14-3215	Homogeneous	Tan Sheet Vinyl Backing	Asbestos Not Present	Cellulose 90	Binder
015	15-3215	Homogeneous	Yellow Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
016	16-3215	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose Glass Fiber	2 <1 Sand CaCO3
017	17-3215	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
018	18-3215	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose 40	Tar Sand
019	19-3215	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose 40	Tar Sand
020	20-3215	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose 40	Tar Sand

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

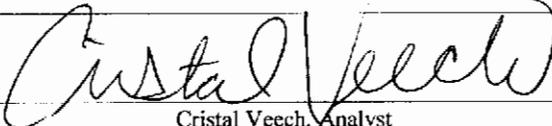
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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 230012	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/16/2013	1237 West Bruce St.
Received By: Alex Raymond	Milwaukee, WI 53204
Date Analyzed: 12/17/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.3215

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
				12/17/2013		
Cristal Veech, 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

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>230012</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results ( <input checked="" type="checkbox"/> one box)	
<input type="checkbox"/> QuanTEM Website	
<input checked="" type="checkbox"/> Other <u>email</u>	

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>13-2000-399.3215</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	<i>12/12/13 1800</i>	<i>FedEx</i>	<i>A. Pr...</i>	<i>12/16/13 10am</i>

### REQUESTED SERVICES (Please the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1-3215	<input checked="" type="checkbox"/>				
2	2-3215	<input type="checkbox"/>				
3	3-3215	<input type="checkbox"/>				
4	4-3215	<input type="checkbox"/>				
5	5-3215	<input type="checkbox"/>				
6	6-3215	<input type="checkbox"/>				
7	7-3215	<input type="checkbox"/>				
8	8-3215	<input type="checkbox"/>				
9	9-3215	<input type="checkbox"/>				
10	10-3215	<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**

<b>For Lab Use Only</b>	
Lab No. <u>230012</u>	
Accept	Reject

<b>Project Information</b>		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-3215	<input checked="" type="checkbox"/>				
12	12-3215	<input type="checkbox"/>				
13	13-3215	<input type="checkbox"/>				
14	14-3215	<input type="checkbox"/>				Do Not Test Master
15	15-3215	<input type="checkbox"/>				
16	16-3215	<input type="checkbox"/>				
17	17-3215	<input type="checkbox"/>				
18	18-3215	<input type="checkbox"/>				
19	19-3215	<input type="checkbox"/>				
20	20-3215	<input checked="" type="checkbox"/>				
21		<input type="checkbox"/>				
22		<input type="checkbox"/>				
23		<input type="checkbox"/>				
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T Jacobsen  
W1316781 Kipling Dr  
Monkego WI 53150-3401

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

Training due by: 12/01/2014



**ASBESTOS SNIP INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
3227 North 25<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.: 13-2000-399.3227  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**December 2013**

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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 3227 North 25<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, tar paper, drywall/joint compound, blown in insulation, linoleum, duct paper, 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*.

## 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 December 13, 2013, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3227 North 25<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.**

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 included plaster, tar paper, drywall/joint compound, blown in insulation, linoleum, duct paper, flue packing, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-3227	Exterior – east wall under wood – tar paper	Negative	N/A	MPT
2-3227	Exterior – north wall under wood – tar paper	Negative	N/A	MPT
3-3227	Exterior – west wall under wood – tar paper	Negative	N/A	MPT
4-3227a	2 <sup>nd</sup> floor – dining room – south wall – plaster skim coat	Negative	N/A	SPI
4-3227b	2 <sup>nd</sup> floor – dining room – south wall – plaster base coat	Negative	N/A	SPI
5-3227a	2 <sup>nd</sup> floor – west bedroom – south wall – plaster skim coat	Negative	N/A	SPI
5-3227b	2 <sup>nd</sup> floor – west bedroom – south wall – plaster base coat	Negative	N/A	SPI
6-3227a	2 <sup>nd</sup> floor – rear stair – north wall – plaster skim coat	Negative	N/A	SPI
6-3227b	2 <sup>nd</sup> floor – rear stair – north wall – plaster base coat	Negative	N/A	SPI
7-3227a	Basement – stair – ceiling – plaster skim coat	Negative	N/A	SPI
7-3227b	Basement – stair – ceiling – plaster base coat	Negative	N/A	SPI
8-3227a	Attic – stair – west wall – plaster skim coat	Negative	N/A	SPI
8-3227b	Attic – stair – west wall – plaster base coat	Negative	N/A	SPI
9-3227a	1 <sup>st</sup> floor – bathroom – west wall – joint compound	Negative	N/A	MDW
9-3227b	1 <sup>st</sup> floor – bathroom – west wall – drywall	Negative	N/A	MDW
10-3227a	1 <sup>st</sup> floor – rear stair – east wall – joint compound	Negative	N/A	MDW
10-3227b	1 <sup>st</sup> floor – rear stair – east wall – drywall	Negative	N/A	MDW
11-3227	Attic – bedroom – ceiling – drywall	Negative	N/A	MDW
12-3227	Attic – bedroom – on floor – blown in insulation	Negative	N/A	MBI
13-3227	Attic – west side – on floor – blown in insulation	Negative	N/A	MBI
14-3227	Attic – north side – in ceiling – blown in insulation	Negative	N/A	MBI
15-3227	1 <sup>st</sup> floor – front entry – blue linoleum	Negative	N/A	MFLb
16-3227	1 <sup>st</sup> floor – kitchen – blue linoleum #2	Negative	N/A	MFLb2
17-3227	1 <sup>st</sup> floor – bathroom – cream linoleum	Negative	N/A	MFLc
18-3227	Basement – on stair – cream linoleum #2	Negative	N/A	MFLc2
<b>19-3227</b>	<b>Basement – on boots – duct paper <i>Quantity includes 1<sup>st</sup> floor ducts</i></b>	<b>Positive 80% Chrysotile</b>	<b>12 Sq. Ft.</b>	<b>TDW</b>
20-3227	1 <sup>st</sup> floor – living room – on floor – tar paper #2	Negative	N/A	MPT2
21-3227	1 <sup>st</sup> floor – living room – on floor – tar paper #2	Negative	N/A	MPT2
22-3227	1 <sup>st</sup> floor – living room – on floor – tar paper #2	Negative	N/A	MPT2
23-3227	1 <sup>st</sup> floor – rear stair – west window – glazing compound	Negative	N/A	MPG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
24-3227	1 <sup>st</sup> floor – north bedroom – north window – glazing compound	Negative	N/A	MPG
25-3227	Basement – south window – glazing compound	Negative	N/A	MPG
26-3227	Basement – on chimney – flue packing	Negative	N/A	TFP

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1 <sup>st</sup>	Front Entry/Kitchen/Bathroom/Hall/Stair	Floor Tile & Mastics	250 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
MPT	Tar Paper
MPT2	Tar Paper #2
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MFLb	Blue Linoleum
MFLb2	Blue Linoleum #2
MFLc	Cream Linoleum
MFLc2	Cream Linoleum
MPG	Glazing Compound
TDW	Duct Paper
TFP	Flue Packing

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

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

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

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

**Note#5:** Estimated cost for friable asbestos removal... [REDACTED]

**V. EXCLUSIONS**

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

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

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those

materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

## VI. LIMITATIONS

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

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

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

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

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

### **HVAC**

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

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

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

### **BOILERS, FURNACES, HEATERS AND TANKS**

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

## **ELECTRICAL SYSTEMS – 1 Breaker Box in Basement**

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

### **PCBs**

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

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

## **OTHER ENVIRONMENTAL ISSUES**

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

\* ½ Gallon Ammonia in Kitchen

\* 1 Gas Meter in Basement

## VIII. LABORATORY RESULTS



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

### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 230008	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/16/2013	1237 West Bruce St.
Received By: Alex Raymond	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.3227

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
002	2-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
003	3-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
004	4-3227	Layered	White Plaster	Asbestos Not Present	Cellulose 2	Quartz Sand Paint
004a		Layered	Tan Plaster	Asbestos Not Present	Cellulose 2	Quartz Sand
005	5-3227	Layered	White Plaster	Asbestos Not Present	NA	Quartz Sand Paint
005a		Layered	Tan 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. 230008  
 Account Number: B929  
 Date Received: 12/16/2013  
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 Analyzed By: Sandy Baker  
 Methodology: EPA/600/R-93/116

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

Project: DNS  
 Project Location: Milwaukee, WI  
 Project Number: 13-2000-399.3227

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6-3227	Layered	White Plaster	Asbestos Not Present	Cellulose	2 Quartz Sand Paint
006a		Layered	Tan Plaster	Asbestos Not Present	Cellulose	2 Quartz Sand
007	7-3227	Layered	White Plaster	Asbestos Not Present	Cellulose	<1 Quartz Sand Paint
007a		Layered	Tan Plaster	Asbestos Not Present	Cellulose	3 Quartz Sand
008	8-3227	Layered	White Plaster	Asbestos Not Present	Cellulose	2 Quartz Sand Paint
008a		Layered	Tan Plaster	Asbestos Not Present	Cellulose	2 Quartz Sand

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. 230008	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/16/2013	1237 West Bruce St.
Received By: Alex Raymond	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.3227

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009	9-3227	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
010	10-3227	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
011	11-3227	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 35	Gypsum
012	12-3227	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
013	13-3227	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	

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. 230008

Account Number: B929

Date Received: 12/16/2013

Received By: Alex Raymond

Date Analyzed: 12/18/2013

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-399.3227

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14-3227	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
015	15-3227	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
016	16-3227	Homogeneous	Tan/Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
017	17-3227	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
018	18-3227	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
019	19-3227	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	NA	Debris
020	20-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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. 230008

Account Number: B929

Date Received: 12/16/2013

Received By: Alex Raymond

Date Analyzed: 12/18/2013

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-399.3227

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
022	22-3227	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
023	23-3227	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
024	24-3227	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
025	25-3227	Homogeneous	Black Window Glazing	Asbestos Not Present	NA	CaCO3
026	26-3227	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3

Sandy Baker, Analyst

12/18/2013  
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

<b>For Lab Use Only</b>	
Lab No. <u>230008</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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>13-2000-399.3227</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

<b>Report Results ( <input checked="" type="checkbox"/> one box )</b>	
<input type="checkbox"/> <b>Quantem Website</b>	
<input checked="" type="checkbox"/> <b>Other <u>email</u></b>	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	<u>12/12/13 1800</u>	<u>FedEx</u>	<i>[Signature]</i>	<u>12/16/13 10am</u>

### REQUESTED SERVICES (Please the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	<u>1-3227</u>	<input checked="" type="checkbox"/>				
2	<u>2-3227</u>	<input type="checkbox"/>				
3	<u>3-3227</u>	<input type="checkbox"/>				
4	<u>4-3227</u>	<input type="checkbox"/>				
5	<u>5-3227</u>	<input type="checkbox"/>				
6	<u>6-3227</u>	<input type="checkbox"/>				
7	<u>7-3227</u>	<input type="checkbox"/>				
8	<u>8-3227</u>	<input type="checkbox"/>				
9	<u>9-3227</u>	<input type="checkbox"/>				
10	<u>10-3227</u>	<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

<b>For Lab Use Only</b>	
Lab No. <u>230008</u>	
Accept	Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

**Project Information**

Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>
--	--------------------------	--

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-3227	<input checked="" type="checkbox"/>				
12	12-3227	<input type="checkbox"/>				
13	13-3227	<input type="checkbox"/>				
14	14-3227	<input type="checkbox"/>				
15	15-3227	<input type="checkbox"/>				Do Not Test Mastic ↓
16	16-3227	<input type="checkbox"/>				
17	17-3227	<input type="checkbox"/>				
18	18-3227	<input type="checkbox"/>				
19	19-3227	<input type="checkbox"/>				
20	20-3227	<input type="checkbox"/>				
21	21-3227	<input type="checkbox"/>				
22	22-3227	<input type="checkbox"/>				
23	23-3227	<input type="checkbox"/>				
24	24-3227	<input type="checkbox"/>				
25	25-3227	<input type="checkbox"/>				
26	26-3227	<input checked="" type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services



Demicca Andrea Marie Coe

1237 W Bruce St

Milwaukee WI 53204-1218

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

Training due by: 09/26/2014



**ASBESTOS INSPECTION REPORT**

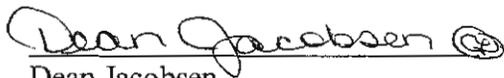
**Job Site:**

**Fire Damaged  
1 Family Dwelling  
3310 North 30<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.: 13-0105.3310  
Contract No.: 360-13-0745**



Dean Jacobsen  
Asbestos Inspector No. AII - 14370

Prepared by:

**HARENDA MANAGEMENT GROUP**  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105

**February 2013**

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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 3310 North 30<sup>th</sup> Street, Milwaukee, Wisconsin.

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

## II. BUILDING SURVEY

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

**On February 7, 2013, HMG conducted an asbestos inspection of a one family dwelling scheduled for mechanical demolition, located at 3310 North 30<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable 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, linoleum, flue packing, drywall/joint compound, ceramic tile, ceiling tile, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-3310	1 <sup>st</sup> floor – front entry – top layer – brown and gray linoleum	Negative	N/A	MFLny
2-3310	1 <sup>st</sup> floor – front entry – bottom layer – tan linoleum	Negative	N/A	MFLt
3-3310	1 <sup>st</sup> floor – bathroom – top layer – brown and red linoleum	Negative	N/A	MFLnr
4-3310	1 <sup>st</sup> floor – bathroom – under plywood – tan and gray linoleum	Negative	N/A	MFLty
5-3310	Basement – on north side of chimney – top layer – gray flue packing	Negative	N/A	TFPy
6-3310	Basement – on north side of chimney – bottom layer – white flue packing	Negative	N/A	TFPw
7-3310a	Basement – on east and west sides of chimney – light gray flue packing	Negative	N/A	TFPy
7-3310b	Basement – on east and west sides of chimney – plaster	Negative	N/A	TFPy
8-3310a	1 <sup>st</sup> floor – kitchen – ceiling – plaster base coat	Negative	N/A	SPI
8-3310b	1 <sup>st</sup> floor – kitchen – ceiling – plaster skim coat	Negative	N/A	SPI
9-3310a	1 <sup>st</sup> floor – northeast bedroom – ceiling – plaster base coat	Negative	N/A	SPI
9-3310b	1 <sup>st</sup> floor – northeast bedroom – ceiling – plaster skim coat	Negative	N/A	SPI
10-3310a	1 <sup>st</sup> floor – northwest bedroom – ceiling – plaster base coat	Negative	N/A	SPI
10-3310b	1 <sup>st</sup> floor – northwest bedroom – ceiling – plaster skim coat	Negative	N/A	SPI
11-3310a	1 <sup>st</sup> floor – dining room – ceiling – plaster base coat	Negative	N/A	SPI
11-3310b	1 <sup>st</sup> floor – dining room – ceiling – plaster skim coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
12-3310a	1 <sup>st</sup> floor – living room – south wall – plaster base coat	Negative	N/A	SP1
12-3310b	1 <sup>st</sup> floor – living room – south wall – plaster skim coat	Negative	N/A	SP1
13-3310	1 <sup>st</sup> floor – northeast bedroom – ceiling – texture	Negative	N/A	STX
14-3310	1 <sup>st</sup> floor – northwest bedroom – ceiling – texture	Negative	N/A	STX
15-3310	1 <sup>st</sup> floor – living room – ceiling – texture	Negative	N/A	STX
16-3310a	Basement – south wall – plaster #2	Negative	N/A	SP12
16-3310b	Basement – south wall – plaster #2 skim coat	Negative	N/A	SP12
17-3310a	Basement – north wall – plaster #2	Negative	N/A	SP12
17-3310b	Basement – north wall – plaster #2 skim coat	Negative	N/A	SP12
18-3310a	Basement – east wall – plaster #2	Negative	N/A	SP12
18-3310b	Basement – east wall – plaster #2 skim coat	Negative	N/A	SP12
19-3310	1 <sup>st</sup> floor – northeast bedroom – west wall – texture #2	Negative	N/A	STX2
20-3310	1 <sup>st</sup> floor – northwest bedroom – south wall – texture #2	Negative	N/A	STX2
21-3310	1 <sup>st</sup> floor – dining room – north wall – texture #2	Negative	N/A	STX2
22-3310	1 <sup>st</sup> floor – northeast bedroom – north wall – drywall	Negative	N/A	MDW
23-3310	1 <sup>st</sup> floor – bathroom – south wall – drywall	Negative	N/A	MDW
24-3310	1 <sup>st</sup> floor – front entry – north wall – drywall	Negative	N/A	MDW
25-3310a	1 <sup>st</sup> floor – bathroom – on wall near floor – gray ceramic tile	Negative	N/A	MCTMy
25-3310b	1 <sup>st</sup> floor – bathroom – on wall near floor – gray ceramic tile grout	Negative	N/A	MCTMy
26-3310	1 <sup>st</sup> floor – bathroom – on east and west walls – cream ceramic tile	Negative	N/A	MCTMc
27-3310a	1 <sup>st</sup> floor – bathroom – on northeast corner wall – red and yellow ceramic tile	Negative	N/A	MCTMrl
27-3310b	1 <sup>st</sup> floor – bathroom – on northeast corner wall – red and yellow ceramic tile grout	Negative	N/A	MCTMrl
28-3310	1 <sup>st</sup> floor – dining room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
29-3310	1 <sup>st</sup> floor – living room – east side – 1' x 1' ceiling tile	Negative	N/A	MSCT11
30-3310	1 <sup>st</sup> floor – living room – west side – 1' x 1' ceiling tile	Negative	N/A	MSCT11
31-3310	1 <sup>st</sup> floor – dining room – on east wall – white and red ceramic tile	Negative	N/A	MCTMwr
32-3310	1 <sup>st</sup> floor – bathroom – ceiling east side – texture #3	Negative	N/A	STX3
33-3310	1 <sup>st</sup> floor – bathroom – ceiling center – texture #3	Negative	N/A	STX3
34-3310	1 <sup>st</sup> floor – bathroom – ceiling west side – texture #3	Negative	N/A	STX3
35-3310	1 <sup>st</sup> floor – living room – south window – glazing compound	Negative	N/A	MPG
36-3310	Quality Assurance/ Quality Control Sample of Sample 2-3310	Negative	N/A	QAQC
37-3310	Quality Assurance/ Quality Control Sample of Sample 3-3310	Negative	N/A	QAQC

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	950 Sq. Ft.
1 <sup>st</sup> /2 <sup>nd</sup>	Dwelling	Asphalt Shingle Siding	1,300 Sq. Ft.
1 <sup>st</sup>	Kitchen/Bathroom	Floor Tile & Mastic	580 Sq. Ft.
1 <sup>st</sup>	Front Entry/Dining Room/Bathroom	Floor & Wall Mastic	180 Sq. Ft.

**Homogeneous Material Codes**

SPI	Plaster
SPI2	Plaster #2
STX	Texture
STX2	Texture #2
STX3	Texture #3
MPG	Window Glazing Compound
MFLny	Brown & Gray Linoleum
MFLt	Tan Linoleum
MFLnr	Brown & Red Linoleum
MFLty	Tan & Gray Linoleum
MFLy	Gray Linoleum
MDW	Drywall/Joint Compound
MCTMy	Gray Ceramic Tile
MCTMc	Cream Ceramic Tile
MCTMrl	Red & Yellow Ceramic Tile
MSCT11	1' x 1' Ceiling Tile
TFPw	White Flue Packing
TFPy	Gray Flue Packing
TFPyLight	Light Gray Flue Packing
QA/QC	Quality Assurance/Quality Control Sample

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

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

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

## V. EXCLUSIONS

**No access to 2<sup>nd</sup> floor and attic. Roof visible only from ground. No visible or accessible areas or material were excluded from this 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 Schneider Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>2</u>	<b>Refrigerators, Freezers, Chillers</b> – Kitchen, Basement
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>3</u>	Fluorescent Lights – Basement
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

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

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

## ELECTRICAL SYSTEMS

<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 were 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>3</u>	Light Ballasts – Basement
<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

\* 1 Gas Meter & 5 Gallons Paint in Basement

## VIII. LABORATORY RESULTS

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## LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method<sup>1</sup> 600/R-93/116, EPA 600/M4-82-020

Using SLI A6

**ACCOUNT #:** 4001-13-847  
**CLIENT:** Harena Management Group  
**ADDRESS:** 1237 West Bruce Street  
Milwaukee, WI 53204

**DATE COLLECTED:**  
**DATE RECEIVED:** 2/11/2013  
**DATE ANALYZED:** 2/11/2013  
**DATE REPORTED:** 2/11/2013

**PROJECT NAME:** DNS  
**JOB LOCATION:**  
**PROJECT NO.:** 13-0105.3310  
**PO NO.:**

**SampleType:** BULK

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
1-3310	31776973			
Layer 1:	Flooring Gray, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
2-3310	31776974			
Layer 1:	Flooring Gray, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
3-3310	31776975			
Layer 1:	Flooring Red, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
4-3310	31776976			
Layer 1:	Flooring Red, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
5-3310	31776977			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL

**Total Number of Pages in Report: 6**

Results relate only to samples as received by the laboratory.

Visit [www.slabinc.com](http://www.slabinc.com) for current certifications.

*Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement. The EPA states that any asbestos found in vermiculite is a concern and the sample should be treated as asbestos containing material.*

Account - Workorder 4001-13-847 (Continued)

Page 2 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
6-3310	31776978			
Layer 1:	Powdery Material White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
7-3310	31776979			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
8-3310	31776980			
Layer 1:	Plaster White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
9-3310	31776981			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
10-3310	31776982			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
11-3310	31776983			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL

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Account - Workorder 4001-13-847 (Continued)

Page 3 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
12-3310	31776984			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
13-3310	31776985			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
14-3310	31776986			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
15-3310	31776987			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
16-3310	31776988			
Layer 1:	Plaster Gray, Granular		None Detected	1200% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
17-3310	31776989			
Layer 1:	Plaster Gray, Granular		None Detected	10% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
18-3310	31776990			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL

**Total Number of Pages In Report: 6**

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Account - Workorder 4001-13-847 (Continued)

Page 4 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
19-3310	31776991			
Layer 1:	Granular Material Beige/Black, Granular		None Detected	100% NON FIBROUS MATERIAL
20-3310	31776992			
Layer 1:	Granular Material Beige/Black, Granular		None Detected	100% NON FIBROUS MATERIAL
21-3310	31776993			
Layer 1:	Granular Material Beige/Black, Granular		None Detected	100% NON FIBROUS MATERIAL
22-3310	31776994			
Layer 1:	Powdery Material White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
23-3310	31776995			
Layer 1:	Powdery Material White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
24-3310	31776996			
Layer 1:	Powdery Material White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
25-3310	31776997			
Layer 1:	Ceramic Tile White, Hard		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
26-3310	31776998			
Layer 1:	Ceramic Tile White, Hard		None Detected	100% NON FIBROUS MATERIAL

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Account - Workorder 4001-13-847 (Continued)

Page 5 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
27-3310	31776999			
Layer 1:	Ceramic Tile Red, Hard		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Grout Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
28-3310	31777000			
Layer 1:	Ceiling Tile Brown, Fibrous		None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
29-3310	31777001			
Layer 1:	Ceiling Tile Brown, Fibrous		None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
30-3310	31777002			
Layer 1:	Ceiling Tile Brown, Fibrous		None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
31-3310	31777003			
Layer 1:	Ceramic Tile White, Hard		None Detected	100% NON FIBROUS MATERIAL
32-3310	31777004			
Layer 1:	Mastic Tan, Soft		None Detected	100% NON FIBROUS MATERIAL
33-3310	31777005			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
34-3310	31777006			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL

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Account - Workorder 4001-13-847 (Continued)

Page 6 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
35-3310	31777007			
Layer 1:	Granular Material Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
36-3310	31777008			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
37-3310	31777009			
Layer 1:	Flooring Red, Org.Bound/Fibrous		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL



Analyst:

Ali Musa



Reviewed By:

Samani Abdelfadiel, Analyst

Total Number of Pages in Report: 6

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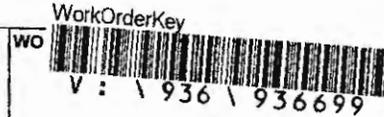


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Submitting Co. <b>Harendra Management Group</b>	Lab Use- WO # <b>4001-13-847</b>	Phone # <b>414-383-4800</b>
P.O. Box 511305	Accf # <b>4001</b>	Fax # & E-mail <b>414-383-4805 djacobsen@harendra.com</b>
New Berlin, WI 53151		

Project Name: **DNS** *Special Instructions [include requests for special reporting or data packages]*

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **13-0105. 3310**

PO Number: \_\_\_\_\_ State Of Collection: **WI**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> Soil	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> _____ <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/> _____	<b>Asbestos Bulk / Asb ID</b> <input checked="" type="checkbox"/> PLM (EPA 600, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.11.4/1.6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield) <input type="checkbox"/> _____ <b>FOR ASBESTOS AIR:</b> TYPE OF RESPIRATOR USED: _____	<b>Metals-Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> _____ <input type="checkbox"/> _____ <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <input type="checkbox"/> _____ <b>Others</b> <input type="checkbox"/> _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹ A,B,P,E	Time²		Flow Rate³		Total⁴ Air Vol
						Start	Stop	Start	Stop	
1-3310										
2-3310										
3-3310										
4-3310										
5-3310										
6-3310										
7-3310										
8-3310										
9-3310										
10-3310										
11-3310										
12-3310										

¹Type: A=area B=blank P=personal E=excursion    ²Beginning/End of Sample Period    ³Pump Calibration in Liters/Minute    ⁴Volume in Liters [time in min \* flow in L/min]

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <u>Dean Jacobsen</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>2/8/13 17:00</u>	<input checked="" type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB
--	--	--



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WO Label:

Submitting Co. <b>Harenda Management Group</b>	Lab Use-WO #	Phone # <b>414-383-4800</b>
P.O. Box 511305	Acct#	
New Berlin, WI 53151	<b>4001</b>	Fax # & E-mail <b>414-383-4805 djacobsen@harenda.com</b>

Project Name: **DNS** *Special Instructions [include requests for special reporting or data packages]*

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **13-0105. 3310**

PO Number: State Of Collection **WI**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> _____ <input type="checkbox"/> Soil <input type="checkbox"/> _____	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> _____ <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500)	<b>Asbestos Bulk / Asb ID</b> <input checked="" type="checkbox"/> PLM (EPA 600, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.11.4/1.6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield)	<b>Metals-Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> _____ <input type="checkbox"/> _____ <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <b>Others</b> <input type="checkbox"/> _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹ A,B,P,E	Time²		Flow Rate³		Total⁴ Air Vol
						Start	Stop	Start	Stop	
13-3310										
14-3310										
15-3310										
16-3310										
17-3310										
18-3310										
19-3310										
20-3310										
21-3310										
22-3310										
23-3310										
24-3310										

¹Type: A=area B=blank P=personal E=excursion ²Beginning/End of Sample Period ³Pump Calibration in Liters/Minute ⁴Volume in Liters [time in min \* flow in L/min]

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <u>Dean Jacobsen</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>2/8/13 17:00</u>	<input checked="" type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB WB: <u>[Signature]</u>
--	--	--

Sample return requested  Ambient temp  Ice °C pH Cl  R  S  X *Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.*



**SCHNEIDER LABORATORIES, INC.**

2512 West Cary Street, Richmond, Virginia 23220-5117  
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

www.slabin.com e-mail: info@slabin.com

WO Label:

Submitting Co. <b>Harenda Management Group</b>	Lab Use-WO #	Phone #	<b>414-383-4800</b>
P.O. Box 511305	Acct #	Fax # & E-mail	
New Berlin, WI 53151	<b>4001</b>	<b>414-383-4805</b> djacobsen@harenda.com	

Project Name: **DNS** Special Instructions [Include requests for special reporting or data packages]

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **13-0105. 3300**

PO Number: State Of Collection **WI**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> _____ <input type="checkbox"/> Soil <input type="checkbox"/> _____	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> _____ <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/> _____	<b>Asbestos Bulk / Ash ID</b> <input checked="" type="checkbox"/> PLM (EPA 600, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.1/4/6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield) <input type="checkbox"/> _____ <b>FOR ASBESTOS AIR:</b> TYPE OF RESPIRATOR USED: _____	<b>Metals-Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> _____ <input type="checkbox"/> _____ <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <input type="checkbox"/> _____ <b>Others</b> <input type="checkbox"/> _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹ A,B,P,E	Time²		Flow Rate³		Total⁴ Air Vol
						Start	Stop	Start	Stop	
25-330										
26-330										
27-330										
28-330										
29-330										
30-330										
31-330										
32-330										
33-330										
34-330										
35-330										
36-330										

¹Type: A=area B=blank P=personal E=excursion ²Beginning/End of Sample Period ³Pump Calibration in Liters/Minute ⁴Volume in Liters [time in min \* flow in L/min]

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <u>Dean Jacobsen</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>2/8/13 17:00</u>	<input type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB WB 9/19/06
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## **IX. HMG CERTIFICATION**



**ASBESTOS INSPECTOR**

Issued By

**STATE OF WISCONSIN**

Dept. of Health Services

Dean T. Jacobsen

WIS146781 Kaping Dr

Muskego WI 53150-3401

160 lbs

5'08"

All-14370

Exp. 12/01/2013

12/12/1963

Male

Training due by: 12/01/2015



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
4629 North 30<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.: 13-2000-068.4629  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

**HARENDA MANAGEMENT GROUP**  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105

**July 2013**

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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 4629 North 30<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, ceramic tile, linoleum, glazing compound, drywall/joint compound, transite, paper insulation, tar paper, and blown in insulation 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 July 3, 2013, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 4629 North 30<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable 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, ceramic tile, linoleum, glazing compound, drywall/joint compound, transite, paper insulation, tar paper, and blown in insulation. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-4629a	1 <sup>st</sup> floor – kitchen floor – top layer – beige ceramic tile	Negative	N/A	MCTMe
1-4629b	1 <sup>st</sup> floor – kitchen floor – top layer – grout	Negative	N/A	MCTMe
2-4629	1 <sup>st</sup> floor – kitchen – under plywood – white linoleum	Negative	N/A	MFLw
3-4629	1 <sup>st</sup> floor – kitchen closet – red linoleum	Negative	N/A	MFLr
4-4629	1 <sup>st</sup> floor – back entry – white and gray linoleum	Negative	N/A	MFLwy
5-4629	2 <sup>nd</sup> floor – bedroom – ceiling – texture	Negative	N/A	STX
6-4629	2 <sup>nd</sup> floor – bathroom – south wall – texture	Negative	N/A	STX
7-4629a	1 <sup>st</sup> floor – front entry – north wall – texture	Negative	N/A	STX
7-4629b	1 <sup>st</sup> floor – front entry – north wall – texture layer 2	Negative	N/A	STX
8-4629	2 <sup>nd</sup> floor – south east room – tan and beige linoleum	Negative	N/A	MFLte
9-4629a	2 <sup>nd</sup> floor – bathroom floor – tan ceramic tile	Negative	N/A	MCTMt
9-4629b	2 <sup>nd</sup> floor – bathroom floor – grout	Negative	N/A	MCTMt
10-4629	2 <sup>nd</sup> floor – bathroom floor – under ceramic tile – mortar	Negative	N/A	MCTMM
11-4629	2 <sup>nd</sup> floor – bathroom – under plywood – cream linoleum	Negative	N/A	MFLc
12-4629	1 <sup>st</sup> floor – living room – north wall – texture #2	Negative	N/A	STX2
13-4629	1 <sup>st</sup> floor – living room – south wall – texture #2	Negative	N/A	STX2
14-4629	1 <sup>st</sup> floor – bedroom – west wall – texture #2	Negative	N/A	STX2
15-4629a	2 <sup>nd</sup> floor – southeast room – north wall – joint compound	Negative	N/A	MDW
15-4629b	2 <sup>nd</sup> floor – southeast room – north wall – drywall	Negative	N/A	MDW
16-4629a	2 <sup>nd</sup> floor – bedroom – north wall – joint compound	Negative	N/A	MDW
16-4629b	2 <sup>nd</sup> floor – bedroom – north wall – joint compound #2	Negative	N/A	MDW
16-4629c	2 <sup>nd</sup> floor – bedroom – north wall – drywall	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
17-4629a	1 <sup>st</sup> floor – utility room – east wall – joint compound	Negative	N/A	MDW
17-4629b	1 <sup>st</sup> floor – utility room – east wall – drywall	Negative	N/A	MDW
18-4629a	2 <sup>nd</sup> floor – bathroom – north wall – patch layer	Negative	N/A	SPI
18-4629b	2 <sup>nd</sup> floor – bathroom – north wall – plaster skim coat	Negative	N/A	SPI
18-4629c	2 <sup>nd</sup> floor – bathroom – north wall – plaster base coat	Trace <1% Chrysotile	N/A	SPI
18-4629c	POINT COUNT RESULT	Negative	N/A	SPI
19-4629a	2 <sup>nd</sup> floor – bedroom – west wall – plaster skim coat	Negative	N/A	SPI
19-4629b	2 <sup>nd</sup> floor – bedroom – west wall – plaster base coat	Trace <1% Chrysotile	N/A	SPI
19-4629b	POINT COUNT RESULT	Negative	N/A	SPI
20-4629a	1 <sup>st</sup> floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
20-4629b	1 <sup>st</sup> floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
21-4629	1 <sup>st</sup> floor – living room – ceiling – texture #3	Negative	N/A	STX3
22-4629	1 <sup>st</sup> floor – living room – ceiling – texture #3	Negative	N/A	STX3
23-4629	1 <sup>st</sup> floor – living room – ceiling – texture #3	Negative	N/A	STX3
24-4629	2 <sup>nd</sup> floor – exterior – south wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>400 Sq. Ft.</b>	<b>MTP</b>
25-4629	2 <sup>nd</sup> floor – exterior – east wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>Reference 24-4629</b>	<b>MTP</b>
26-4629	2 <sup>nd</sup> floor – exterior – north wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>Reference 24-4629</b>	<b>MTP</b>
27-4629	2 <sup>nd</sup> floor – exterior – south wall – under transite siding – paper insulation	Negative	N/A	MPI
28-4629	2 <sup>nd</sup> floor – exterior – east wall – under transite siding – paper insulation	Negative	N/A	MPI
29-4629	2 <sup>nd</sup> floor – exterior – north wall – under transite siding – paper insulation	Negative	N/A	MPI
30-4629a	2 <sup>nd</sup> floor – exterior – under transite seams – tar paper	Negative	N/A	MPT
30-4629b	2 <sup>nd</sup> floor – exterior – under transite seams – tar	Negative	N/A	MPT
31-4629	1 <sup>st</sup> floor – living room – on window – glazing compound	Negative	N/A	MPG
31-4629	1 <sup>st</sup> floor – utility room – on floor – blown in insulation	Negative	N/A	MBI
33-4629	Quality Assurance/Quality Control sample of 3-4629	Negative	N/A	QA/QC

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Asphalt Shingles & Flashing	500 Sq. Ft.
1 <sup>st</sup>	Kitchen/Stair/Back Entry	Floor Tile & Mastic	190 Sq. Ft.
2 <sup>nd</sup>	Bathroom/Closets	Floor Tile & Mastic	110 Sq. Ft.

### Homogeneous Material Codes

SP1	Plaster
STX	Texture
STX2	Texture #2
STX3	Texture #3
MCTMe	Beige Ceramic Tile
MCTMt	Tan Ceramic Tile
MCTMM	Mortar
MFLw	White Linoleum
MFLr	Red Linoleum
MFLwy	White & Gray Linoleum
MFLte	Tan & Beige Linoleum
MFLc	Cream linoleum
MDW	Drywall/Joint Compound
MTP	Transite
MPI	Paper Insulation
MPT	Tar Paper
MBI	Blown in Insulation
MPG	Glazing Compound
QA/QC	Quality Assurance/Quality Control Sample

**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:** Estimated cost for friable asbestos ...

## 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 & Family Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central) Room
<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 – 1 Breaker Box in Back Entry**

<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

\* 4 Gallons Paint in Kitchen

## 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. 223815	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/05/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 07/08/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-4629	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
001a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
002	2-4629	Homogeneous	Light Gray Sheet Vinyl	Asbestos Not Present	Glass Fiber 10	Vinyl Binder
003	3-4629	Homogeneous	Tan/Brown Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber 5	20 Vinyl Binder
004	4-4629	Homogeneous	Light Gray Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber 5	25 Vinyl Binder
005	5-4629	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
006	6-4629	Homogeneous	White Ceiling 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 TEM and 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 other 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

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Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7-4629	Layered	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Tan Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
008	8-4629	Homogeneous	Peach Sheet Vinyl	Asbestos Not Present	NA	Vinyl
009	9-4629	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
009a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
010	10-4629	Homogeneous	Gray Mastic	Asbestos Not Present	NA	Glue
011	11-4629	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Binder

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

Quantem is a NVLAP accredited TEM and 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 other 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. 223815	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/05/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 07/08/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12-4629	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
013	13-4629	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014	14-4629	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15-4629	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	White Sheetrock	Asbestos Not Present	NA	Gypsum
016	16-4629	Layered	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
016a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 223815	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/05/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 07/08/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 35	Gypsum
017	17-4629	Layered	White Texture	Asbestos Not Present	NA	CaCO3
017a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
018	18-4629	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	Light Gray Skim Coat	Asbestos Not Present	Talc 10	Quartz CaCO3
018b		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Animal Hair	3 Quartz Sand
019	19-4629	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3

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. 223815	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/05/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 07/08/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose <1 Animal Hair 2	Quartz Sand
020	20-4629	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
020a		Layered	Gray Plaster	Asbestos Not Present	Cellulose <1 Animal Hair 2	Quartz Sand
021	21-4629	Homogeneous	White Ceiling Texture	Asbestos Not Present	Cellulose 5	CaCO3 Paint
022	22-4629	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	23-4629	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
024	24-4629	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint

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### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 223815	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/05/2013	P.O. Box 511305
Received By: Joanna Mueller	New Berlin, WI 53151-2105
Date Analyzed: 07/08/2013	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.4629

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25-4629	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
026	26-4629	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
027	27-4629	Homogeneous	Silver/Tan Pipe Covering	Asbestos Not Present	Cellulose 90	Foil
028	28-4629	Homogeneous	Silver/Tan Pipe Covering	Asbestos Not Present	Cellulose 90	Foil
029	29-4629	Homogeneous	Silver/Tan Pipe Covering	Asbestos Not Present	Cellulose 90	Foil
030	30-4629	Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
030a		Layered	Black Tar	Asbestos Not Present	NA	Tar

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

Quantem is a NVLAP accredited TEM and 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 other 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. 223815

Account Number: B929

Date Received: 07/05/2013

Received By: Joanna Mueller

Date Analyzed: 07/08/2013

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

P.O. Box 511305

New Berlin, WI 53151-2105

Project: DNS

Project Location: Milwaukee, WI

Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31-4629	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
032	32-4629	Homogeneous	Silver/Tan Pipe Covering	Asbestos Not Present	Cellulose 90	Paint
033	33-4629	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Binder



Sandy Baker, Analyst

7/8/2013  
Date of Report

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

Quantem is a NVLAP accredited TEM and 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 other 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

Lab No. 223815  
 Accept  Reject  
 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: 13-2000-068.4629	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	7/3/13 1800	FedEx	<i>J. Mueller</i>	7/5/13 9:30

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

PLM	PLM	TEM	TEM	TURNAROUND
<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	<b>PCM</b>	<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	1-4629	<input checked="" type="checkbox"/>				Do Not Analyze Mestle ↓
2	2-4629	<input type="checkbox"/>				
3	3-4629	<input type="checkbox"/>				
4	4-4629	<input type="checkbox"/>				
5	5-4629	<input type="checkbox"/>				
6	6-4629	<input type="checkbox"/>				
7	7-4629	<input type="checkbox"/>				
8	8-4629	<input type="checkbox"/>				
9	9-4629	<input type="checkbox"/>				
10	10-4629	<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

Lab No. 223815  
 Accept  Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

**Project Information**  
 Company: Harenda Management Group      Project Name: DNS      Project Location: Milwaukee, WI

No.	Sample ID (10 Characters Max)	<input type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area	Quantity
11	11-4629	<input checked="" type="checkbox"/>				Do Not Analyze/analyze
12	12-4629	<input type="checkbox"/>				
13	13-4629	<input type="checkbox"/>				
14	14-4629	<input type="checkbox"/>				
15	15-4629	<input type="checkbox"/>				
16	16-4629	<input type="checkbox"/>				
17	17-4629	<input type="checkbox"/>				
18	18-4629	<input type="checkbox"/>				
19	19-4629	<input type="checkbox"/>				
20	20-4629	<input type="checkbox"/>				
21	21-4629	<input type="checkbox"/>				
22	22-4629	<input type="checkbox"/>				
23	23-4629	<input type="checkbox"/>				
24	24-4629	<input type="checkbox"/>				
25	25-4629	<input type="checkbox"/>				
26	26-4629	<input type="checkbox"/>				
27	27-4629	<input type="checkbox"/>				
28	28-4629	<input type="checkbox"/>				
29	29-4629	<input type="checkbox"/>				
30	30-4629	<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
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Lab No. 223810  
 Accept  Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

**Project Information**

Company: **Harenda Management Group**      Project Name: **DNS**      Project Location: **Milwaukee, WI**

No.	Sample ID (10 Characters Max)	<input type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (If Applicable)	Comments
31	31-4629	<input checked="" type="checkbox"/>				Do NOT Analyze Matrix ↓
32	32-4629	<input type="checkbox"/>				
33	33-4629	<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"/>				



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 224053

Account Number: B929

Date Received: 07/11/2013

Received By: Sherrie Leftwich

Date Analyzed: 07/11/2013

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

P.O. Box 511305

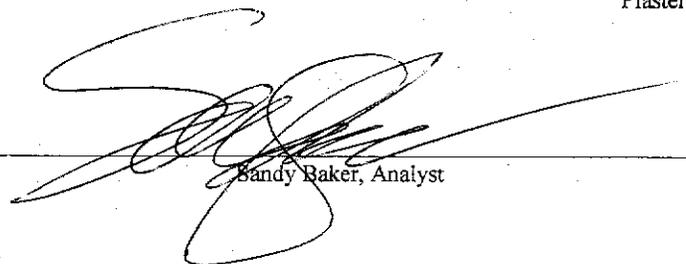
New Berlin, WI 53151-2105

Project: PT CT for 223815, DNA

Project Location: Milwaukee, WI

Project Number: 13-2000-068.4629

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	18-4629	Homogeneous	Gray Plaster	Asbestos Not Present 400 Point Count	NA	
002	19-4629	Homogeneous	Gray Plaster	Asbestos Not Present 400 Point Count	NA	



Sandy Baker, Analyst

7/11/2013  
Date of Report

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

Quantem is a NVLAP accredited TEM and 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 other 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. <u>224053</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results ( <input checked="" type="checkbox"/> one box)	
<input type="checkbox"/> QuanTEM Website	
<input checked="" type="checkbox"/> Other <u>email</u>	

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>13-2000-068.4629</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	<u>7/10/13 1535</u>	<u>Email</u>	<i>[Signature]</i>	<u>7/11/13 8:00</u>

### 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 Artic 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"/> 4 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input 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)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	18-4629	<input checked="" type="checkbox"/>		Gray Plaster		Quantem Lab No. 223815
2	19-4629	<input checked="" type="checkbox"/>		Gray Plaster		
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
2 Family Dwelling  
2829-31 North 33<sup>rd</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.: 12-0210.2829  
Contract No.: 360-12-0553**

Dean Jacobsen  
Asbestos Inspector No. AII - 14370

**Prepared by:**

**HARENDA MANAGEMENT GROUP  
P. O. Box 511305  
New Berlin, Wisconsin 53151-2105**

**October 2012**

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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 2829-31 North 33<sup>rd</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, tar paper, drywall/joint compound, linoleum, blown in insulation, duct paper, 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*.

## 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 October 5, 2012, HMG conducted an asbestos inspection of a two family dwelling scheduled for mechanical demolition, located at 2829-31 North 33<sup>rd</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable 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, tar paper, drywall/joint compound, linoleum, blown in insulation, duct paper, flue packing, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-2829a	1 <sup>st</sup> floor – front stair – on landing – tan and brown linoleum	Positive 20% Chrysotile	15 Sq. Ft.	MFLtn
1-2829b	1 <sup>st</sup> floor – front stair – on landing – leveling compound	Negative	N/A	MFLtn
2-2829a	2 <sup>nd</sup> floor – front stair – on landing – brown linoleum	Positive 20% Chrysotile	15 Sq. Ft.	MFLn
2-2829b	2 <sup>nd</sup> floor – front stair – on landing – leveling compound	Negative	N/A	MFLn
3-2829	Attic – east side under floor – blown in insulation	Negative	N/A	MBI
4-2829	Attic – center under floor – blown in insulation	Negative	N/A	MBI
5-2829	Attic – west side under floor – blown in insulation	Negative	N/A	MBI
6-2829	2 <sup>nd</sup> floor – rear stair – on landing – orange and brown linoleum	Positive 20% Chrysotile	20 Sq. Ft.	MFLon
7-2829	1 <sup>st</sup> floor – rear stair – on landing – brown and gray linoleum	Negative	N/A	MFLny
8-2829	1 <sup>st</sup> floor – pantry – under floor tile – tan linoleum	Positive 20% Chrysotile	24 Sq. Ft.	MFLt
9-2829	1 <sup>st</sup> floor – kitchen – west side under floor tile – tar paper	Negative	N/A	MPT
10-2829	1 <sup>st</sup> floor – kitchen – center under floor tile – tar paper	Negative	N/A	MPT
11-2829	2 <sup>nd</sup> floor – hall – under floor tile – tar paper	Negative	N/A	MPT
12-2829	1 <sup>st</sup> floor – bathroom – under floor tile – beige and orange linoleum	Negative	N/A	MFLeo
13-2829a	1 <sup>st</sup> floor – dining room – north wall – plaster base coat	Negative	N/A	SP1
13-2829b	1 <sup>st</sup> floor – dining room – north wall – plaster skim coat	Negative	N/A	SP1
14-2829a	1 <sup>st</sup> floor – living room – west wall – plaster base coat	Negative	N/A	SP1

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14-2829b	1 <sup>st</sup> floor – living room – west wall – plaster skim coat	Negative	N/A	SP1
15-2829	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	N/A	SP1
15-2829b	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	N/A	SP1
16-2829a	1 <sup>st</sup> floor – northeast bedroom – south wall – plaster base coat	Negative	N/A	SP1
16-2829b	1 <sup>st</sup> floor – northeast bedroom – south wall – plaster skim coat	Negative	N/A	SP1
17-2829a	2 <sup>nd</sup> floor – northeast bedroom – east wall – plaster base coat	Negative	N/A	SP1
17-2829b	2 <sup>nd</sup> floor – northeast bedroom – east wall – plaster skim coat	Negative	N/A	SP1
18-2829a	2 <sup>nd</sup> floor – dining room – west wall – plaster base coat	Negative	N/A	SP1
18-2829b	2 <sup>nd</sup> floor – dining room – west wall – plaster skim coat	Negative	N/A	SP1
19-2829a	2 <sup>nd</sup> floor – southeast room – east wall – plaster base coat	Negative	N/A	SP1
19-2829b	2 <sup>nd</sup> floor – southeast room – east wall – plaster skim coat	Negative	N/A	SP1
20-2829	1 <sup>st</sup> floor – living room – east window – glazing compound	Negative	N/A	MPG
21-2829	Basement – west window – glazing compound	Negative	N/A	MPG
22-2829	Attic – east window – glazing compound	Negative	N/A	MPG
23-2829a	1 <sup>st</sup> floor – dining room – ceiling – plaster #2	Negative	N/A	SP12
23-2829b	1 <sup>st</sup> floor – dining room – ceiling – texture	Negative	N/A	SP12
24-2829a	1 <sup>st</sup> floor – kitchen – ceiling – plaster #2	Negative	N/A	SP12
24-2829b	1 <sup>st</sup> floor – kitchen – ceiling – texture	Negative	N/A	SP12
25-2829a	1 <sup>st</sup> floor – kitchen – ceiling – plaster #2	Negative	N/A	SP12
25-2829b	1 <sup>st</sup> floor – kitchen – ceiling – texture	Negative	N/A	SP12
26-2829	1 <sup>st</sup> floor – kitchen – on south wall – cream linoleum	Negative	N/A	MFLc
27-2829	1 <sup>st</sup> floor – kitchen – on north wall – cream linoleum	Negative	N/A	MFLc
28-2829	1 <sup>st</sup> floor – kitchen – on west wall – cream linoleum	Negative	N/A	MFLc
29-2829	Basement – on north side of chimney – top layer – gray flue packing	Negative	N/A	TFPy
30-2829	Basement – on north side of chimney – bottom layer – white flue packing	Negative	N/A	TFPw
31-2829	Basement – on south side of chimney – light gray flue packing	Negative	N/A	TFPy <sup>light</sup>
32-2829	Basement – south wall – plaster #3	Negative	N/A	SP13
33-2829	Basement – west wall – plaster #3	Negative	N/A	SP13
34-2829	Basement – north wall – plaster #3	Negative	N/A	SP13
35-2829	Basement – on boot – duct paper	Positive 60% Chrysotile	20 Sq. Ft.	TDW
36-2829	Basement – on return – duct paper	Positive 60% Chrysotile	Reference 35-2829	TDW
37-2829	Basement – on duct on floor – duct paper	Positive 60% Chrysotile	Reference 35-2829	TDW
38-2829	2 <sup>nd</sup> floor – bathroom – beige linoleum	Negative	N/A	MFLe

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
39-2829	2 <sup>nd</sup> floor – kitchen – west side under floor tile – gray and tan linoleum	Negative	N/A	MFLyt
40-2829	2 <sup>nd</sup> floor – kitchen – east side under floor tile – gray and tan linoleum	Negative	N/A	MFLyt
41-2829	2 <sup>nd</sup> floor – kitchen – north side under floor tile – gray and tan linoleum	Positive 20% Chrysotile	150 Sq. Ft.	MFLyt
42-2829	Quality Assurance/ Quality Control Sample of Sample 1-2829	Positive 20% Chrysotile	N/A	QAQC
37-2651	Quality Assurance/ Quality Control Sample of Sample 6-2829	Positive 20% Chrysotile	N/A	QAQC

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,000 Sq. Ft.
1 <sup>st</sup>	Kitchen/Pantry/Hallway	Floor Tile & Mastic	390 Sq. Ft.
2 <sup>nd</sup>	Kitchen/Pantry/Bathroom	Floor Tile Mastic	85 Sq. Ft.
2 <sup>nd</sup>	North East Bedroom/North West Bedroom	Carpet Mastic	230 Sq. Ft.

### Homogeneous Material Codes

MFLtn	Tan/Brown Linoleum
MFLn	Brown Linoleum
MBI	Blown In Insulation
MFLon	Orange/Brown Linoleum
MFLny	Brown/Gray Linoleum
MFLt	Tan Linoleum
MPT	Tar Paper
MFLeo	Beige/Orange Linoleum
SP1	Plaster
MPG	Window Glazing Compound
SP1#2	Plaster No. 2
MFLc	Cream Linoleum
TFPy	Gray Flue Packing
TFPw	White Flue Packing
TFPy light	Light Gray Flue Packing
SP1#3	Plaster No. 3
TDW	Duct Wrap
MFLe	Beige Linoleum
MFLyt	Gray/Tan Linoleum
QA/QC	Quality Assurance/Quality Control Sample

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

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

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

**Note#4:** Additional duct paper may be discovered within walls and ceilings. Exploratory demolition required for exact quantity.

**Note#5:** Estimated cost for friable asbestos removal . 

## V. EXCLUSIONS

**Roof visible only from ground. No visible or accessible areas or material were excluded from this 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 Schneider Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

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

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

### BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces & 2 Hot Water Heaters in the Basement

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

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

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

### **PCBs**

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

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

### **OTHER ENVIRONMENTAL ISSUES**

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

- \* 1 Water Meter in the Basement
- \* 1 Gallon of Paint in the Attic
- \* 1 Gallon of Used Oil in the Back Yard
- \* One 5 Gallon Can of Paint in the 1<sup>st</sup> Floor Foyer

## VIII. LABORATORY RESULTS

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## LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method<sup>1</sup> 600/R-93/116

Using SLI A6

**ACCOUNT #:** 4001-12-768  
**CLIENT:** Harenda Management Group  
**ADDRESS:** 1237 West Bruce Street  
Milwaukee, WI 53204

**DATE COLLECTED:**  
**DATE RECEIVED:** 10/8/2012  
**DATE ANALYZED:** 10/8/2012  
**DATE REPORTED:** 10/9/2012

**PROJECT NAME:** DNS  
**JOB LOCATION:**  
**PROJECT NO.:** 12-0210.2829  
**PO NO.:**

**SampleType:** BULK

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
1-2829	31641414			
Layer 1:	Linoleum Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
2-2829	31641415			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
3-2829	31641416			
Layer 1:	Insulation Beige, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL

**Total Number of Pages in Report: 7**

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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
4-2829	31641417			
Layer 1:	Insulation Beige, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
5-2829	31641418			
Layer 1:	Insulation Beige, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
6-2829	31641419			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
7-2829	31641420			
Layer 1:	Flooring Black, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
8-2829	31641421			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
9-2829	31641422			
Layer 1:	Felt Black, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
10-2829	31641423			
Layer 1:	Felt Black, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
11-2829	31641424			
Layer 1:	Felt Black, Fibrous		None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
12-2829	31641425			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
13-2829	31641426			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
14-2829	31641427			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
15-2829	31641428			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
16-2829	31641429			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL
17-2829	31641430			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular		None Detected	100% NON FIBROUS MATERIAL

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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
18-2829	31641431			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Textured Material Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
19-2829	31641432			
Layer 1:	Plaster Gray, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Textured Material Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
20-2829	31641433			
Layer 1:	Granular Material Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
21-2829	31641434			
Layer 1:	Granular Material Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
22-2829	31641435			
Layer 1:	Granular Material Green, Granular		None Detected	100% NON FIBROUS MATERIAL
23-2829	31641436			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Textured Material Beige, Granular		None Detected	100% NON FIBROUS MATERIAL
24-2829	31641437			
Layer 1:	Plaster Beige, Granular		None Detected	100% NON FIBROUS MATERIAL

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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
	Layer 2:	Textured Material Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
25-2829	31641438			
	Layer 1:	Plaster Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
	Layer 2:	Textured Material Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
26-2829	31641439			
	Layer 1:	Flooring Beige/Black, Org.Bound/Fibrous	None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
27-2829	31641440			
	Layer 1:	Flooring Beige/Black, Org.Bound/Fibrous	None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
28-2829	31641441			
	Layer 1:	Flooring Beige/Black, Org.Bound/Fibrous	None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
29-2829	31641442			
	Layer 1:	Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
30-2829	31641443			
	Layer 1:	Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
31-2829	31641444			
	Layer 1:	Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
32-2829	31641445			
	Layer 1:	Granular Material Gray, Granular	None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL

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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
33-2829	31641446			
Layer 1:	Granular Material Gray, Granular		None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
34-2829	31641447			
Layer 1:	Granular Material Gray, Granular		None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
35-2829	31641448			
Layer 1:	Insulation Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
36-2829	31641449			
Layer 1:	Insulation Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
37-2829	31641450			
Layer 1:	Insulation Beige, Fibrous		60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
38-2829	31641451			
Layer 1:	Flooring Gray, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
39-2829	31641452			
Layer 1:	Flooring Gray, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
40-2829	31641453			
Layer 1:	Flooring Gray, Org.Bound/Fibrous		None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
41-2829	31641454			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL

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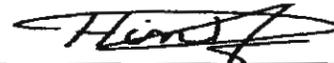
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Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
42-2829	31641455			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
43-2829	31641456			
Layer 1:	Flooring Beige, Org.Bound/Fibrous		20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL



Analyst:

**MOHAMMED B. HASHIM**


Reviewed By:

**Hind Eldanaf, Microscopy Supervisor**

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WO Label:

WorkOrderKey



V : \ 915 \ 915050

Submitting Co. <b>Harenda Management Group</b>	Lab Use-WO# <b>4001-12-768</b>	Phone #	<b>414-383-4800</b>
P.O. Box 511308	Acct #	Fax # & E-mail	
New Berlin, WI 53151	<b>4001</b>	<b>djacobsen@harenda.com</b>	

Project Name: **DNS** *Special Instructions (include requests for special reporting or data packages)*  
 Project Location: **DO NOT ANALYZE MASTICS**  
 Project Number: **12-0210.2829**  
 PO Number: \_\_\_\_\_ State Of Collection: **WI**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> Soil	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> _____ <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500) <input type="checkbox"/> _____	<b>Asbestos Bulk / Asb ID</b> <input checked="" type="checkbox"/> PLM (EPA 600, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.17.47.6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield) <input type="checkbox"/> _____ <b>FOR ASBESTOS AIR:</b> TYPE OF RESPIRATOR USED: _____	<b>Metals-Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> _____ <input type="checkbox"/> _____ <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <input type="checkbox"/> _____ <b>Others</b> <input type="checkbox"/> _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹ A,B,P,E	Time²		Flow Rate³		Total⁴ Air Vol
						Start	Stop	Start	Stop	
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2-2829										
3-2829										
4-2829										
5-2829										
6-2829										
7-2829										
8-2829										
9-2829										
10-2829										
11-2829										
12-2829										

¹Type: A=area B=blank P=personal E=excursion    ²Beginning/End of Sample Period    ³Pump Calibration in Liters/Minute    ⁴Volume in Liters [Time in min \* flow in L/min]

Sampled by NAME _____ SIGNATURE _____ DATE/TIME _____	Relinquished to lab by NAME <u>Dean Jacobsen</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>10/5/12 17:00</u>	<input checked="" type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB VWS: <u>9/16/12</u>
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# SCHNEIDER LABORATORIES, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

www.slabin.com e-mail: info@slabin.com

WO Label:

Submitting Co. <b>Harenda Management Group</b>	Lab Use- WO #	Acct #	Phone #	<b>414-383-4800</b>
P.O. Box 511305			Fax # & E-mail	<b>414-383-4805</b> <b>djacobsen@harenda.com</b>
New Berlin, WI 53151		<b>4001</b>		

Project Name: **DNS** *Special Instructions (include requests for special reporting or data packages)*

Project Location: **DO NOT ANALYZE MASTICS**

Project Number: **12-0210.2829**

PO Number: \_\_\_\_\_ State Of Collection: **WI**

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WO Label:

Phone # **414-383-4800**  
 Fax # **414-383-4805**  
 E-mail **djacobsen@harenda.com**

Submitting Co. **Harenda Management Group**

P.O. Box **511305**

New Berlin, WI **53151**

Lab Use-WO # **4001**

Acct #

Project Name: **DNS**

Project Location:

Project Number: **12-0210.2829**

PO Number:

State Of Collection **WI**

*Special Instructions [include requests for special reporting or data packages]*  
**DO NOT ANALYZE MASTICS**

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analytes (Select ALL that Apply)		
<input type="checkbox"/> 2 hours* <input type="checkbox"/> Same day* <input type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business day* <input checked="" type="checkbox"/> 3 business days* <input type="checkbox"/> 5 business days* <input type="checkbox"/> Full TCLP (10d) <input type="checkbox"/> Weekend* <small>* not available for all tests</small> <small>Schedule rush organics, multi-metals &amp; weekend tests in advance.</small>	<small>All samples on form should be of SAME matrix type. Use additional forms as needed.</small> <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> Soil	<b>Asbestos Air / Fiber Counts</b> <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> <b>Miscellaneous Tests</b> <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0600) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500)	<b>Asbestos Bulk / Asb ID</b> <input checked="" type="checkbox"/> PLM (EPA 800, 1982) <input type="checkbox"/> PLM (EPA Point Count) <input type="checkbox"/> PLM (Qualitative only) <input type="checkbox"/> NYELAP 198.1/4/6 <input type="checkbox"/> CAELAP (EPA Interim) <input type="checkbox"/> TEM (Chatfield)	<b>Metals-Total Conc.</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> <input type="checkbox"/> <b>Metals-Extract</b> <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <b>Others</b> <input type="checkbox"/>

FOR ASBESTOS AIR:  
 TYPE OF RESPIRATOR USED:

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type¹ A,B,P,E	Time²		Flow Rate³		Total⁴ Air Vol
						Start	Stop	Start	Stop	
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27-2829										
28-2829										
29-2829										
30-2829										
31-2829										
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33-2829										
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39-2829										
40-2829										
41-2829										
42-2829										
43-2829										

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## **IX. HMG CERTIFICATION**



**ASBESTOS INSPECTOR**

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T. Jacobsen

W131s6781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5'08"
AI-14570	Exp: 12/01/2012	12/12/1963	Male

Training due by: 12/01/2012



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
One Family Dwelling  
3319 North 38<sup>th</sup> Street  
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 13-2000-068.3319  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**October 2013**

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A. Method of Analysis

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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 3319 North 38<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, blown in insulation, window glazing compound, duct paper, drywall/joint compound, 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*.

## 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 October 8, 2013, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3319 North 38<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.**

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-3319	1 <sup>st</sup> floor – living room – south wall – plaster	Negative	N/A	SPI
2-3319a	1 <sup>st</sup> floor – west bedroom – north wall – plaster skim coat	Negative	N/A	SPI
2-3319b	1 <sup>st</sup> floor – west bedroom – north wall – plaster base coat	Negative	N/A	SPI
3-3319a	1 <sup>st</sup> floor – north bedroom – west wall – plaster skim coat	Negative	N/A	SPI
3-3319b	1 <sup>st</sup> floor – north bedroom – west wall – plaster base coat	Negative	N/A	SPI
4-3319	1 <sup>st</sup> floor – kitchen – east wall – plaster	Negative	N/A	SPI
5-3319a	1 <sup>st</sup> floor – kitchen – ceiling – plaster skim coat	Negative	N/A	SPI
5-3319b	1 <sup>st</sup> floor – kitchen – ceiling – plaster base coat	Negative	N/A	SPI
6-3319	1 <sup>st</sup> floor – living room – on floor – blown in insulation	Negative	N/A	MBI
7-3319	1 <sup>st</sup> floor – west bedroom – on floor – blown in insulation	Negative	N/A	MBI
8-3319	Attic – on floor – blown in insulation	Negative	N/A	MBI
9-3319	1 <sup>st</sup> floor – dining room – south window – glazing compound	Negative	N/A	MPG
10-3319	1 <sup>st</sup> floor – bathroom – north window – glazing compound	Negative	N/A	MPG
11-3319	1 <sup>st</sup> floor – rear hall – west window – glazing compound	Negative	N/A	MPG
12-3319	1 <sup>st</sup> floor – dining room – on vent – duct paper	<b>Positive 45% Chrysotile</b>	<b>12 Sq. Ft.</b>	<b>TDW</b>
13-3319	1 <sup>st</sup> floor – bathroom – on vent – duct paper	<b>Positive 45% Chrysotile</b>	<b>Reference 12-3319</b>	<b>TDW</b>
14-3319	Basement – on duct above sink – duct paper	<b>Positive 45% Chrysotile</b>	<b>Reference 12-3319</b>	<b>TDW</b>
15-3319a	1 <sup>st</sup> floor – rear hall – ceiling – joint compound	Negative	N/A	MDW
15-3319b	1 <sup>st</sup> floor – rear hall – ceiling – drywall	Negative	N/A	MDW
16-3319a	Attic – south wall – joint compound	Negative	N/A	MDW
16-3319b	Attic – south wall – drywall	Negative	N/A	MDW
17-3319a	Attic – ceiling – joint compound	Negative	N/A	MDW
17-3319b	Attic – ceiling – drywall	Negative	N/A	MDW
18-3319a	Basement – top layer on chimney – gray flue packing	Negative	N/A	TFPy
18-3319a	Basement – bottom layer on chimney – tan flue packing	<b>Positive 3% Chrysotile</b>	<b>1 Sq. Ft.</b>	<b>TFPt</b>

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

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	700 Sq. Ft.
1 <sup>st</sup>	Kitchen/Hall	Floor Tile & Mastics	150 Sq. Ft.

**Homogeneous Material Codes**

SPI Plaster  
MBI Blown in Insulation  
MPG Glazing Compound  
MDW Drywall  
TDW Duct Paper  
TFPy Gray Flue Packing  
TFPt Tan Flue Packing

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

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

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

**Note#4:** Additional duct paper may be within walls and ceilings. Exploratory demolition required for exact quantity.

**Note#5:** Estimated cost for friable asbestos removal ... [REDACTED]

**V. EXCLUSIONS**

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

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

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

**VI. LIMITATIONS**

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

to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

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

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>4</u>	Fluorescent Lights – Living Room
<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 – 1 Electric Meter on Exterior. 1 Breaker Box in Basement**

- N/A   Load Meters and Supply Relays
- N/A   Phase Splitters
- N/A   Microwave Relays
- N/A   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:

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

**OTHER ENVIRONMENTAL ISSUES**

- N/A   Hazardous Waste
- N/A   Oil Tanks
- N/A   Well Abandonment
- N/A   Junk Auto Tires
- N/A   Junk Vehicles

\* 1 Gas Meter on Exterior

## VIII. LABORATORY RESULTS



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

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 227958	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 10/10/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 10/15/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3319

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-3319	Homogeneous	Gray Plaster	Asbestos Not Present	Wollastonite	<1 Gypsum Perlite
002	2-3319	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum Perlite Sand
002a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite Sand
003	3-3319	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum Perlite Sand
003a		Layered	Tan Plaster	Asbestos Not Present	Cellulose	<1 Gypsum Perlite Sand
004	4-3319	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	2 Gypsum Perlite 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

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Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3319

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	5-3319	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum Perlite Sand
005a		Layered	Tan Plaster	Asbestos Not Present	Cellulose Wollastonite	2 <1 Gypsum Perlite Sand
006	6-3319	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100
007	7-3319	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100
008	8-3319	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100
009	9-3319	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Talc
010	10-3319	Homogeneous	Tan Window Glazing	Asbestos Not Present	Cellulose	<1 CaCO3

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. 227958	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 10/10/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 10/15/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3319

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11-3319	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
012	12-3319	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 45	Cellulose 50	Binder
013	13-3319	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 45	Cellulose 50	Binder
014	14-3319	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 45	Cellulose 50	Binder
015	15-3319	Layered	White Joint Compound	Asbestos Not Present	NA	Gypsum Perlite Paint
015a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum

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

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

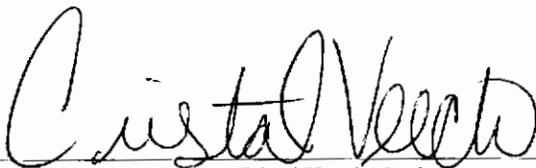


2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 227958	Client: Harenda Management Group
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Date Analyzed: 10/15/2013	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-068.3319

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16-3319	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite Paint
016a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
017	17-3319	Layered	White Joint Compound	Asbestos Not Present	NA	Gypsum Perlite Paint
017a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
018	18-3319	Layered	Gray Coating	Asbestos Not Present	Wollastonite 45	Gypsum Paint
018a		Layered	Tan Stucco	Asbestos Present Chrysotile 3	NA	Quartz CaCO3

  
Cristal Veech, Analyst

10/15/2013  
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

Lab No. 227908  
 Accept  Reject

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: 13-2000-068.3319	
SAMPLED BY: Name:	Date:	P.O. Number:	

QuantEM Website  
 Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	
<i>[Signature]</i>	10/9/13 1700	FedEx	<i>[Signature]</i>	10/10/13 10:30

### REQUESTED SERVICES (PLEASE PRINT IN BLOCK LETTERS)

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

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments
1	1-3319	<input checked="" type="checkbox"/>				
2	2-3319	<input type="checkbox"/>				
3	3-3319	<input type="checkbox"/>				
4	4-3319	<input type="checkbox"/>				
5	5-3319	<input type="checkbox"/>				
6	6-3319	<input type="checkbox"/>				
7	7-3319	<input type="checkbox"/>				
8	8-3319	<input type="checkbox"/>				
9	9-3319	<input type="checkbox"/>				
10	10-3319	<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**

Lab No. <u>227900</u>
<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject

<b>Project Information</b>		
Company: <u>Harenda Management Group</u>	Project Name: <u>DNS</u>	Project Location: <u>Milwaukee, WI</u>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description
11	<u>11-33A</u>	<input checked="" type="checkbox"/>		
12	<u>12-33A</u>	<input type="checkbox"/>		
13	<u>13-33A</u>	<input type="checkbox"/>		
14	<u>14-33A</u>	<input type="checkbox"/>		
15	<u>15-33A</u>	<input type="checkbox"/>		
16	<u>16-33A</u>	<input type="checkbox"/>		
17	<u>17-33A</u>	<input type="checkbox"/>		
18	<u>18-33A</u>	<input checked="" type="checkbox"/>		
19		<input type="checkbox"/>		
20		<input type="checkbox"/>		
21		<input type="checkbox"/>		
22		<input type="checkbox"/>		
23		<input type="checkbox"/>		
24		<input type="checkbox"/>		
25		<input type="checkbox"/>		
26		<input type="checkbox"/>		
27		<input type="checkbox"/>		
28		<input type="checkbox"/>		
29		<input type="checkbox"/>		
30		<input type="checkbox"/>		

## **IX. HMG CERTIFICATION**



**ASBESTOS SNIP INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
Two Family Dwelling  
2529-31 North 39<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.: 13-2000-399.2529  
Contract No.: 360-13-0745**

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**December 2013**

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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 2529-31 North 39<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, blown in insulation, fiberboard, drywall/joint compound, ceramic tile, linoleum, window glazing compound, tar paper, ceiling tile, duct paper, flue packing, and transite siding 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 December 13, 2013, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2529-31 North 39<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of three elements:

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

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

## III. THE LABORATORY

### A. METHOD OF ANALYSIS

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

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

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

#### IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-2529a	2 <sup>nd</sup> floor – north bedroom – west wall - plaster skim coat	Negative	N/A	SP1
1-2529b	2 <sup>nd</sup> floor – north bedroom – west wall - plaster base coat	Negative	N/A	SP1
2-2529a	2 <sup>nd</sup> floor – dining room – ceiling - plaster skim coat	Negative	N/A	SP1
2-2529b	2 <sup>nd</sup> floor – dining room – ceiling - plaster base coat	Negative	N/A	SP1
4-2529	Basement – stair – ceiling – plaster	Negative	N/A	SP1
5-2529	1 <sup>st</sup> floor – front entry – south wall – plaster	Negative	N/A	SP1
6-2529a	1 <sup>st</sup> floor – hall – ceiling – patch layer	Negative	N/A	SP1
6-2529b	1 <sup>st</sup> floor – hall – ceiling – plaster skim coat	Negative	N/A	SP1
6-2529cb	1 <sup>st</sup> floor – hall – ceiling – plaster base coat	Negative	N/A	SP1
7-2529a	1 <sup>st</sup> floor – south bedroom – east wall – plaster skim coat	Negative	N/A	SP1
7-2529b	1 <sup>st</sup> floor – south bedroom – east wall – plaster base coat	Negative	N/A	SP1
8-2529	1 <sup>st</sup> floor – living room – on floor – blown in insulation	Negative	N/A	MBI
9-2529	2 <sup>nd</sup> floor – hall – on floor – blown in insulation	Negative	N/A	MBI
10-2529	2 <sup>nd</sup> floor – dining room – on floor – blown in insulation	Negative	N/A	MBI
11-2529	1 <sup>st</sup> floor – north bedroom – on floor – fiberboard	Negative	N/A	MFB
12-2529	1 <sup>st</sup> floor – north bedroom – on floor – fiberboard	Negative	N/A	MFB
13-2529	1 <sup>st</sup> floor – north bedroom – on floor – fiberboard	Negative	N/A	MFB
14-2529	1 <sup>st</sup> floor – south bedroom – north wall – drywall	Negative	N/A	MDW
15-2529a	2 <sup>nd</sup> floor – stair – south wall – joint compound	Negative	N/A	MDW
15-2529b	2 <sup>nd</sup> floor – stair – south wall – drywall	Negative	N/A	MDW
16-2529	Attic – east wall – drywall	Negative	N/A	MDW
17-2529	1 <sup>st</sup> floor – kitchen – on south wall – yellow ceramic tile	Negative	N/A	MCTMI
18-2529	1 <sup>st</sup> floor – rear entry – brown linoleum	Negative	N/A	MFLn
19-2529	1 <sup>st</sup> floor – living room – east window – glazing compound	Negative	N/A	MPG
20-2529	2 <sup>nd</sup> floor – kitchen – west window – glazing compound	Negative	N/A	MPG
21-2529	Basement – north window – glazing compound	Negative	N/A	MPG
22-2529	1 <sup>st</sup> floor – rear entry – under linoleum – tar paper	Negative	N/A	MPT

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
23-2529	2 <sup>nd</sup> floor – kitchen – top layer west side – tan linoleum	Negative	N/A	MFLt
24-2529	2 <sup>nd</sup> floor – kitchen – top layer north side – tan linoleum	Negative	N/A	MFLt
25-2529	2 <sup>nd</sup> floor – kitchen – top layer east side – tan linoleum	Negative	N/A	MFLt
<b>26-2529a</b>	<b>2<sup>nd</sup> floor – kitchen – bottom layer – yellow linoleum</b>	<b>Positive 25% Chrysotile</b>	<b>260 Sq. Ft</b>	<b>MFLI</b>
26-2529b	2 <sup>nd</sup> floor – kitchen – under yellow linoleum – leveling compound	Negative	N/A	MLC
27-2529	Attic – bathroom – bottom layer – cream linoleum	Negative	N/A	MFLc
28-2529	2 <sup>nd</sup> floor – bathroom – beige linoleum	Negative	N/A	MFLe
29-2529	2 <sup>nd</sup> floor – bathroom – ceiling tile	Negative	N/A	MSCT
30-2529	2 <sup>nd</sup> floor – dining room – ceiling – texture	Negative	N/A	STX
31-2529a	2 <sup>nd</sup> floor – dining room – ceiling – texture	Negative	N/A	STX
31-2529b	2 <sup>nd</sup> floor – dining room – ceiling – plaster patch	Negative	N/A	STX
32-2529a	2 <sup>nd</sup> floor – dining room – ceiling – texture	Negative	N/A	STX
32-2529b	2 <sup>nd</sup> floor – dining room – ceiling – plaster patch	Negative	N/A	STX
<b>33-2529</b>	<b>Basement – southwest on boots – duct paper</b>	<b>Positive 65% Chrysotile</b>	<b>5 Sq. Ft.</b>	<b>TDW</b>
34-2529	Basement – on chimney – flue packing	Negative	N/A	TFP
35-2529	Attic – bathroom – top layer – gray linoleum	Negative	N/A	MFLy
<b>36-2529</b>	<b>Exterior – east wall – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>2,700 Sq. Ft.</b>	<b>MTP</b>
<b>37-2529</b>	<b>Exterior – south wall – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>Reference 36-2529</b>	<b>MTP</b>
<b>38-2529</b>	<b>Exterior – west wall – transite siding</b>	<b>Positive 20% Chrysotile</b>	<b>Reference 36-2529</b>	<b>MTP</b>

Notes: N/A = Not Applicable

Sq. Ft. = Square Feet

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

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	950 Sq. Ft.
1 <sup>st</sup>	Kitchen/Rear Hall	Floor & Wall Mastics	70 Sq. Ft.
2 <sup>nd</sup>	Kitchen/Bathroom	Floor Mastics	290 Sq. Ft.
Attic	Bathroom	Floor Mastics	40 Sq. Ft.

### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MBI	Blown in Insulation
MFB	Fiberboard
MPG	Glazing Compound
MCTMI	Yellow Ceramic Tile
MDW	Drywall/Joint Compound
MFLn	Brown Linoleum
MFLt	Tan Linoleum
MFLI	Yellow Linoleum
MFLc	Cream Linoleum
MFLe	Beige Linoleum

### Homogeneous Material Codes

MFLy	Gray Linoleum
MPT	Tar Paper
MSCT	Ceiling Tile
MTP	Transite
TDW	Duct Paper
TFP	Flue Packing

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

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

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

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

**Note#5:** Estimated cost for friable asbestos removal... [REDACTED]

## V. EXCLUSIONS

**1<sup>st</sup> floor bathroom, bedroom, and kitchen floors buried in fire debris and not accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.**

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

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

## VI. LIMITATIONS

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

*This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the*

*Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.*

## VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

<u>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>1</u>	Old Thermostats – 1 <sup>st</sup> Floor Living 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 – 2 Breaker Boxes in Basement**

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

### **PCBs**

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

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

### **OTHER ENVIRONMENTAL ISSUES**

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>3</u>	Junk Auto Tires – Basement
<u>N/A</u>	Junk Vehicles

\* 10 Gallons Paint in Basement

## VIII. LABORATORY RESULTS



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

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-2529	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
002	2-2529	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
002a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
003	3-2529	**	** **	**	Not Analyzed	
No Sample in Container						
004	4-2529	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
005	5-2529	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6-2529	Layered	White Texture	Asbestos Not Present	NA	CaCO3
006a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	7-2529	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
008	8-2529	Homogeneous	Brown Insulation	Asbestos Not Present	Glass Fiber 99	Binder
009	9-2529	Homogeneous	Brown Insulation	Asbestos Not Present	Glass Fiber 99	Binder

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### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10-2529	Homogeneous	Brown Insulation	Asbestos Not Present	Glass Fiber 99	Binder
011	11-2529	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
012	12-2529	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
013	13-2529	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
014	14-2529	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Paint
015	15-2529	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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**Polarized Light Microscopy Asbestos Analysis Report**

QuantEM Lab No. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16-2529	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
017	17-2529	Homogeneous	Yellow Ceramic Tile	Asbestos Not Present	NA	Clay
018	18-2529	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25 Synthetic 10	CaCO3 Binder
019	19-2529	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
020	20-2529	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
021	21-2529	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
022	22-2529	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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### Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23-2529	Homogeneous	Tan Flooring	Asbestos Not Present	NA	Vinyl
024	24-2529	Homogeneous	Beige Flooring	Asbestos Not Present	NA	Vinyl
025	25-2529	Homogeneous	Tan Flooring	Asbestos Not Present	NA	Vinyl
026	26-2529	Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
026a		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3
027	27-2529	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
028	28-2529	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl

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### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	29-2529	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
030	30-2529	Homogeneous	White Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
031	31-2529	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
031a		Layered	White Plaster	Asbestos Not Present	NA	Quartz CaCO3
032	32-2529	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
032a		Layered	White Plaster	Asbestos Not Present	NA	Quartz CaCO3
033	33-2529	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 30	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. 230092	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 12/17/2013	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 12/18/2013	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 13-2000-399.2529

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	34-2529	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
035	35-2529	Homogeneous	Beige Flooring	Asbestos Not Present	NA	Vinyl
036	36-2529	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
037	37-2529	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
038	38-2529	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3

Gayle Ooten, Analyst

12/19/2013  
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

For Lab Use Only	
Lab No.	230092
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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: 13-2000-399.2529	
SAMPLED BY: Name:	Date:	P.O. Number:	

Report Results ( <input checked="" type="checkbox"/> one box)	
<input type="checkbox"/> QuanTEM Website	
<input checked="" type="checkbox"/> Other email	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	12/16/13 8:00	FedEx	<i>J. Mueller</i>	12/17/13 11:00

### REQUESTED SERVICES (Please the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1-2529	<input checked="" type="checkbox"/>				
2	2-2529	<input type="checkbox"/>				
3	3-2529	<input type="checkbox"/>				
4	4-2529	<input type="checkbox"/>				
5	5-2529	<input type="checkbox"/>				
6	6-2529	<input type="checkbox"/>				
7	7-2529	<input type="checkbox"/>				
8	8-2529	<input type="checkbox"/>				
9	9-2529	<input type="checkbox"/>				
10	10-2529	<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>230092</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

<b>Project Information</b>		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-2529	<input checked="" type="checkbox"/>				
12	12-2529	<input type="checkbox"/>				
13	13-2529	<input type="checkbox"/>				
14	14-2529	<input type="checkbox"/>				
15	15-2529	<input type="checkbox"/>				
16	16-2529	<input type="checkbox"/>				
17	17-2529	<input type="checkbox"/>				Do Not Test Markie ↓
18	18-2529	<input type="checkbox"/>				
19	19-2529	<input type="checkbox"/>				
20	20-2529	<input type="checkbox"/>				
21	21-2529	<input type="checkbox"/>				
22	22-2529	<input type="checkbox"/>				
23	23-2529	<input type="checkbox"/>				
24	24-2529	<input type="checkbox"/>				
25	25-2529	<input type="checkbox"/>				
26	26-2529	<input type="checkbox"/>				
27	27-2529	<input type="checkbox"/>				
28	28-2529	<input type="checkbox"/>				
29	29-2529	<input checked="" type="checkbox"/>				
30	30-2529	<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.	230092
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

<b>Project Information</b>		
Company: Harenda Management Group	Project Name: DNS	Project Location: Milwaukee, WI

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31-2529	<input checked="" type="checkbox"/>				
32	32-2529	<input type="checkbox"/>				
33	33-2529	<input type="checkbox"/>				
34	34-2529	<input type="checkbox"/>				
35	35-2529	<input type="checkbox"/>				Do Not Test Mastic
36	36-2529	<input type="checkbox"/>				
37	37-2529	<input type="checkbox"/>				
38	38-2529	<input checked="" 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**



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dean T Jacobsen  
W1316781 Kipling Dr  
Monkego WI 53150-3401

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

Training due by: 12/01/2014