



ASBESTOS INSPECTION REPORT

Job Site:

**One Family Dwelling
2967 North 6th Street
Milwaukee, Wisconsin**

For:

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

HMG Report No.: 14-200-042.2967

Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP

1237 West Bruce Street
Milwaukee, Wisconsin 53204

July 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2967 North 6th Street, Milwaukee, Wisconsin.

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

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 15, 2014 HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 2967 North 6th Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

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

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1 st floor – living room – west wall – joint compound	Negative	N/A	MDW
1b	1 st floor – living room – west wall – drywall	Negative	N/A	MDW
2	1 st floor – dining room – south wall – drywall	Negative	N/A	MDW
3a	Attic – north wall – joint compound	Negative	N/A	MDW
3b	Attic – north wall – drywall	Negative	N/A	MDW
4a	1 st floor – southeast bedroom – north wall – wallpaper	Negative	N/A	SPI
4b	1 st floor – southeast bedroom – north wall – plaster skim coat	Negative	N/A	SPI
4c	1 st floor – southeast bedroom – north wall – plaster base coat	Negative	N/A	SPI
5a	1 st floor – northeast bedroom – east wall – plaster skim coat	Negative	N/A	SPI
5b	1 st floor – northeast bedroom – east wall – plaster base coat	Negative	N/A	SPI
6a	1 st floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
6b	1 st floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
7a	1 st floor – kitchen – ceiling – plaster skim coat	Negative	N/A	SPI
7b	1 st floor – kitchen – ceiling – plaster base coat	Negative	N/A	SPI
8a	1 st floor – kitchen – south wall – patch layer	Negative	N/A	SPI
8b	1 st floor – kitchen – south wall – plaster skim coat	Negative	N/A	SPI
8c	1 st floor – kitchen – south wall – plaster base coat	Negative	N/A	SPI
9	1 st floor – living room – on window – glazing compound	Negative	N/A	MPG
10	1 st floor – bedroom – on window – glazing compound	Negative	N/A	MPG
11	Attic – on window – glazing compound	Negative	N/A	MPG
12	1 st floor – southeast bedroom – ceiling – texture	Negative	N/A	STX
13a	1 st floor – northeast bedroom – east wall – texture	Negative	N/A	STX
13b	1 st floor – northeast bedroom – east wall – texture layer 2	Negative	N/A	STX
14a	1 st floor – kitchen – north wall – texture	Negative	N/A	STX
14b	1 st floor – kitchen – north wall – texture layer 2	Negative	N/A	STX
14c	1 st floor – kitchen – north wall – texture layer 3	Negative	N/A	STX
15a	1 st floor – bathroom floor – white and red ceramic tile	Negative	N/A	MCTMwr
15b	1 st floor – bathroom floor – grout	Negative	N/A	MCTMwr

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16	Basement – east side on boot – duct paper	Positive 80% Chrysotile	55 Sq. Ft.	TDW
17	Basement – west side on boot – duct paper	Positive 80% Chrysotile	Reference Sample 16	TDW
18	Basement – near center on boot – duct paper	Positive 70% Chrysotile	Reference Sample 16	TDW
19	Basement – on east side of chimney – white flue packing	Negative	N/A	TFPw
20	Basement – on west side of chimney top layer – light gray flue packing	Negative	N/A	TFPyLight
21	Basement – on west side of chimney bottom layer – gray flue packing	Negative	N/A	TFPy

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 st	Entry/Living Room/Dining Room/Bedrooms/Pantry/Stair	Floor Tile & Mastic	550 Sq. Ft.
1 st	Bathroom	Floor & Wall Mastic	70 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MCTMwr	White & Red Ceramic Tile
TDW	Duct Paper
TFPw	White Flue Packing
TFPy	Gray Flue Packing
TFPyLight	Light Gray 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.

V. EXCLUSIONS

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

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

<u>2</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

<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>1</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 Gallon Gasoline 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. 238163	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/17/2014	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 07/22/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2967

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
002	2	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Paint
003	3	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
003a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
004	4	Layered	Multi-Color Wall Paper	Asbestos Not Present	Cellulose 75	Binder
004a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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

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



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Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2967

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	6	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	7	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
008	8	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
008b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
009	9	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3

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Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2967

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
013	13	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
013a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
014	14	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
014b		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
015	15	Layered	White/Red Ceramic Tile	Asbestos Not Present	NA	Clay

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Date Analyzed: 07/22/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2967

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015a		Layered	White Grout	Asbestos Not Present	NA	Quartz CaCO3
016	16	Homogeneous	Gray/Tan Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Binder
017	17	Homogeneous	Gray/Tan Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Binder
018	18	**	** **	**	Not Analyzed	
No Sample Received						
019	19	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
020	20	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
020a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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

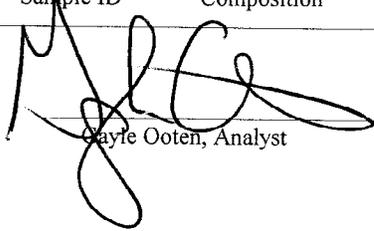
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Date Analyzed: 07/22/2014	Project: DNS
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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
				7/22/2014		
	Gayle Ooten, Analyst			Date of Report		

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ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
 Lab No. 238163
 Accept Reject

Report Results (one box)
 QuanTEM Website
 Other_email

Contact Information		Project Information	
Company:	Harenda Management Group	Project Name:	DNS
Contact:	Dean Jacobsen	Project Location:	Milwaukee, WI
Account #:	B929	Project ID:	14-200-042-987 2961
SAMPLED BY:	Name: <u>Dean Jacobsen</u>	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Dean Jacobsen</u>	7/16/14 18:20	FedEx	<u>Judy Rowan</u>	7/17/14 10:30

REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM	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"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> PCM	<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence
<input type="checkbox"/> Gravimetric Preparation		<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other

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



ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. <u>238/63</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information		Project Name: DNS		Project Location: Milwaukee, WI		
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
11	U	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input 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"/>				

*

* No sample received for #18. SWU 7/18/14



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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 238387

Account Number: B929

Date Received: 07/22/2014

Received By: Judy Rowan

Date Analyzed: 07/22/2014

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2967

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	18-2967	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 20	Binder

Gayle Ooten, Analyst

7/22/2014

Date of Report

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

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



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For Lab Use Only
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 Report Results (one box)
 QuantEM Website
 Other_email

Contact Information Company: Harenda Management Group Contact: Dean Jacobsen Account #: B929 Phone: (414) 383-4800 Cell Phone: E-mail: djacobsen@harenda.com Date:		Project Information Project Name: DNS Project Location: Milwaukee, WI Project ID: 14-200-042.2967 P.O. Number:	
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RELINQUISHED BY <i>[Signature]</i>	DATE & TIME <u>7/21/14 1800</u>	VIA <u>FedEx</u>	RECEIVED BY <i>Judy Rowen</i>	DATE & TIME <u>7/22/14 9:50</u>
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REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)					TURNAROUND TIME		Comments / Notes
No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)		
1	18-2967	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/> 24 - Hour	
2		<input type="checkbox"/>				<input type="checkbox"/> Rush	
3		<input type="checkbox"/>				<input type="checkbox"/> Same Day	
4		<input type="checkbox"/>				<input type="checkbox"/> 3 - Day	
5		<input type="checkbox"/>				<input type="checkbox"/> 5 - Day	
6		<input type="checkbox"/>					
7		<input type="checkbox"/>					
8		<input type="checkbox"/>					
9		<input type="checkbox"/>					
10		<input type="checkbox"/>					

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

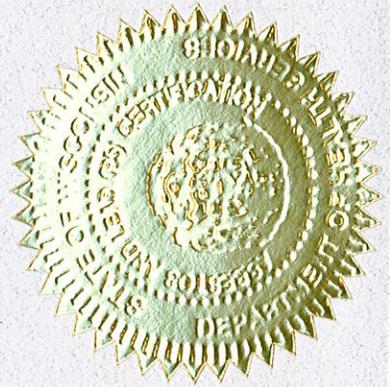
Asbestos Company - Primary

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

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



Shelley A. Bruce
Shelley A. Bruce,
Unit Supervisor





ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN
Dept. of Health Services

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

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

Training due by: 03/19/2015



ASBESTOS INSPECTION REPORT

Job Site:

**Fire Damaged
Two Family Dwelling
3064 North 7th Street
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 14-200-042.3064
Contract No.: 360-14-0745**

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

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

June 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 3064 North 7th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, stucco patch, caulk, flue packing, duct paper, linoleum, ceramic tile, ceiling tile, drywall/joint compound, 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 May 19, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3064 North 7th Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AI – 12823.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – around windows – caulk	Negative	N/A	MCLK
2	Exterior – on basement wall – stucco patch	Negative	N/A	STC
3	Basement – on chimney – flue packing	Negative	N/A	TFP
4	Basement – on boot – duct paper	Positive 65% Chrysotile	5 Sq. Ft.	TDW
5	1 st floor – kitchen – north wall – plaster	Negative	N/A	SPI
6	1 st floor – dining room – east wall – plaster	Negative	N/A	SPI
7	2 nd floor – kitchen – west wall – plaster	Negative	N/A	SPI
8	2 nd floor – stair – west wall – plaster	Negative	N/A	SPI
9	1 st floor – hall – south wall – plaster	Negative	N/A	SPI
10	2 nd floor – stair – west wall – texture	Negative	N/A	STX
11	1 st floor – living room – north wall – texture	Negative	N/A	STX
12	2 nd floor – living room – south wall – texture	Negative	N/A	STX
13	1 st floor – hall – south wall – texture	Negative	N/A	STX
14	1 st floor – entry – ceiling – texture	Negative	N/A	STX
15	1 st floor – entry – black linoleum	Negative	N/A	MFLk
16	1 st floor – stair – top layer – cream linoleum	Negative	N/A	MFLc
17	1 st floor – stair – bottom layer – brown linoleum	Negative	N/A	MFLn
18a	1 st floor – bathroom floor – blue ceramic tile	Negative	N/A	MCTMb
18b	1 st floor – bathroom floor – grout	Negative	N/A	MCTMb
19	1 st floor – living room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
20	1 st floor – dining room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
21	2 nd floor – living room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
22a	2 nd floor – kitchen wall – tan ceramic tile	Negative	N/A	MCTMt
22b	2 nd floor – kitchen wall – under ceramic tile – mastic	Negative	N/A	MCTMt
23	2 nd floor – kitchen – top layer – brown and black linoleum	Negative	N/A	MFLnk
24a	1 st floor – kitchen – south wall – joint compound	Negative	N/A	MDW
24b	1 st floor – kitchen – south wall – drywall	Negative	N/A	MDW
25	1 st floor – living room – north window – glazing compound	Negative	N/A	MPG
26	1 st floor – dining room – west window – glazing compound	Negative	N/A	MPG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
27	2 nd floor – living room – west window – glazing compound	Negative	N/A	MPG
28a	2 nd floor – pantry – top layer – beige linoleum	Positive 20% Chrysotile	30 Sq. Ft.	MFLe
28b	2 nd floor – pantry – bottom layer – brown and tan linoleum	Negative	N/A	MFLnt

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 st / 2 nd	Dwelling	Asphalt Shingle Siding	2,900 Sq. Ft.
1 st	Bedroom/Living Room/ Dining Room	Floor Tile & Mastic	650 Sq. Ft.
1 st	Entry/Stair/Bathroom	Floor Mastic	70 Sq. Ft.
2 nd	Pantry	Floor Mastic	30 Sq. Ft.
2 nd	Kitchen	Floor Tile & Mastic	90 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
STC	Stucco
MCLK	Caulk
MFLk	Black Linoleum
MFLc	Cream Linoleum
MFLn	Brown Linoleum
MFLnk	Brown & Black Linoleum
MFLe	Beige Linoleum
MFLnt	Brown & Tan Linoleum
MCTMb	Blue Ceramic Tile
MCTMt	Tan Ceramic Tile
MSCT11	1' x 1' Ceiling Tile
MDW	Drywall/Joint Compound
TFP	Flue Packing
TDW	Duct Paper

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

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

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

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

V. EXCLUSIONS

2nd floor bedroom and attic fire damaged – floors 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 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 – 2 Electric Meters in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

VIII. LABORATORY RESULTS



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 235804	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/22/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 05/30/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3064

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
002	2	Homogeneous	Gray Concrete	Asbestos Not Present	NA	Sand CaCO3
003	3	Homogeneous	Gray Concrete	Asbestos Not Present	NA	Sand CaCO3
004	4	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 65	Cellulose 30	Binder
005	5	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
006	6	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
007	7	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand 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. 235804	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
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Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 05/30/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3064

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
009	9	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
010	10	Homogeneous	Cream Ceiling Texture	Asbestos Not Present	Cellulose 20	CaCO3 Paint
011	11	Homogeneous	Cream Ceiling Texture	Asbestos Not Present	Cellulose 20	CaCO3 Paint
012	12	Homogeneous	Cream Ceiling Texture	Asbestos Not Present	Cellulose 20	CaCO3 Paint
013	13	Homogeneous	Cream Ceiling Texture	Asbestos Not Present	Cellulose 20	CaCO3 Paint
014	14	Homogeneous	Cream Ceiling Texture	Asbestos Not Present	Cellulose 20	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235804	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 05/22/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 05/30/2014	Project: DNS
Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3064

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015	15	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber 10 Synthetic 2	Vinyl CaCO3
016	16	Homogeneous	Beige Floor Tile	Asbestos Not Present	Cellulose 25	Vinyl
017	17	Homogeneous	Brown Floor Tile	Asbestos Not Present	Glass Fiber 10	Vinyl CaCO3
018	18	Layered	Blue Ceramic Tile	Asbestos Not Present	NA	Clay
018a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Clay
019	19	Homogeneous	Tan Fiberboard	Asbestos Not Present	Cellulose 90	Paint
020	20	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 40 Glass Fiber 40	Perlite

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Polarized Light Microscopy Asbestos Analysis Report

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Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3064

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Tan Fiberboard	Asbestos Not Present	Cellulose 90	Paint
022	22	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
022a		Layered	White Leveling Compound	Asbestos Not Present	NA	Gypsum
023	23	Homogeneous	Brown Flooring	Asbestos Not Present	NA	Vinyl CaCO3
024	24	Layered	White Joint Compound	Asbestos Not Present	NA	Gypsum CaCO3
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
025	25	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3

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

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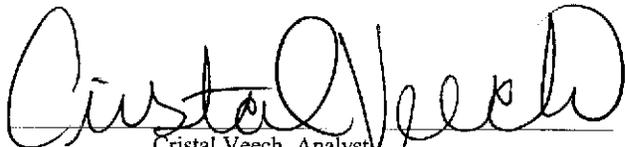


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Analyzed By: Cristal Veech	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3064

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
027	27	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
028	28	Layered	orange/tan Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose 10	Vinyl
028a		Layered	Brown/Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl


Cristal Veech, Analyst

5/30/2014
Date of Report

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

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For Lab Use Only
 Lab No. 235804
 Accept Reject

Report Results one box
 QuanTEM Website
 Other email _____

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

Project Information
 Project Name: **DNS**
 Project Location: **Milwaukee, WI**
 Project ID: **14-200-042.3064**
 P.O. Number: _____

RELINQUISHED BY [Signature] **DATE & TIME** 5/21/14 1800 **VIA** Fed Ex **RECEIVED BY** [Signature] **DATE & TIME** 5-22-14 1000

REQUESTED SERVICES (Please check the appropriate boxes)

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

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



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Page 2 of 2
 For Lab Use Only
 Lab No. 235804
 Accept Reject

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

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

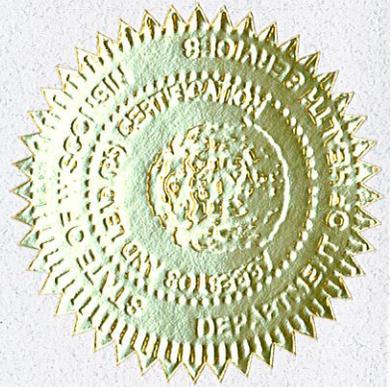
Asbestos Company - Primary

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

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



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor





ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN
Dept. of Health Services

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

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

Training due by: 03/19/2015



ASBESTOS INSPECTION REPORT

Job Site:

**One Family Dwelling
3127 North 14th Street
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 14-200-042.3127
Contract No.: 360-14-0745**

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

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

July 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 3127 North 14th Street, Milwaukee, Wisconsin.

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

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 15, 2014 HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3127 North 14th Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AI – 12823.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

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

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – west wall under aluminum siding – tar paper	Negative	N/A	MPT
2	Exterior – west wall under aluminum siding – tar paper	Negative	N/A	MPT
3	Exterior – west wall under aluminum siding – tar paper	Negative	N/A	MPT
4	Exterior – in west wall – blown in insulation	Negative	N/A	MBI
5	Exterior – in north wall – blown in insulation	Negative	N/A	MBI
6	Exterior – in south wall – blown in insulation	Negative	N/A	MBI
7a	1 st floor – back hall – east wall – plaster skim coat	Negative	N/A	SPI
7b	1 st floor – back hall – east wall – plaster base coat	Negative	N/A	SPI
8a	1 st floor – kitchen – south wall – plaster skim coat	Negative	N/A	SPI
8b	1 st floor – kitchen – south wall – plaster base coat	Negative	N/A	SPI
9a	1 st floor – living room – south wall – plaster skim coat	Negative	N/A	SPI
9b	1 st floor – living room – south wall – plaster base coat	Negative	N/A	SPI
10a	2 nd floor – north bedroom – north wall – plaster skim coat	Negative	N/A	SPI
10b	2 nd floor – north bedroom – north wall – plaster base coat	Negative	N/A	SPI
11a	2 nd floor – southeast bedroom – north wall – plaster skim coat	Negative	N/A	SPI
11b	2 nd floor – southeast bedroom – north wall – plaster base coat	Negative	N/A	SPI
12	1 st floor – kitchen – on window – glazing compound	Negative	N/A	MPG
13	2 nd floor – north bedroom – on window – glazing compound	Negative	N/A	MPG
14	2 nd floor – southeast bedroom – on window – glazing compound	Negative	N/A	MPG
15a	1 st floor – kitchen – ceiling – joint compound	Negative	N/A	MDW
15b	1 st floor – kitchen – ceiling – drywall	Negative	N/A	MDW
16	2 nd floor – storage room – west wall – drywall	Negative	N/A	MDW
17	2 nd floor – north bedroom – east wall – drywall	Negative	N/A	MDW
18a	1 st floor – living room – ceiling north side – texture	Negative	N/A	STX

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
18b	1 st floor – living room – ceiling north side – texture layer 2	Negative	N/A	STX
19a	1 st floor – living room – ceiling south side – texture	Negative	N/A	STX
19b	1 st floor – living room – ceiling south side – texture layer 2	Negative	N/A	STX
20a	1 st floor – family room – ceiling – texture	Negative	N/A	STX
20b	1 st floor – family room – ceiling – texture layer 2	Negative	N/A	STX
21	Basement – on chimney – flue packing	Negative	N/A	TFP
22	Basement – on duct and ceiling – duct paper	Positive 70% Chrysotile	7 Sq. Ft.	TDW

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.
1 st / 2 nd	Dwelling	Asphalt Shingle Siding	2,200 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
MPT	Tar Paper
MBI	Blown in Insulation
MPG	Glazing Compound
MDW	Drywall/Joint 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.

V. EXCLUSIONS

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

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

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

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS – 1 Electric Meter in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 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. 238165	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/17/2014	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 07/21/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3127

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
004	4	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
007	7	Layered	White Skim Coat	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 PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 238165

Account Number: B929

Date Received: 07/17/2014

Received By: Judy Rowan

Date Analyzed: 07/21/2014

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.3127

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
008	8	Layered	White Skim Coat	Asbestos Not Present	Talc	3 CaCO3 Paint
008a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
009	9	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
009a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
010	10	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
010a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 238165	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/17/2014	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 07/21/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3127

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
011a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
012	12	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
013	13	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
014	14	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
015	15	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
015a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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. 238165

Account Number: B929

Date Received: 07/17/2014

Received By: Judy Rowan

Date Analyzed: 07/21/2014

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.3127

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
017	17	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
018	18	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019a		Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
020	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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. 238165	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 07/17/2014	1237 West Bruce St.
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Date Analyzed: 07/21/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3127

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020a		Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
021	21	Homogeneous	Gray Stucco	Asbestos Not Present	Wollastonite 30	CaCO3
022	22	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 20	Binder

Gayle Ooten, Analyst

7/21/2014
Date of Report

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

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Report Results one box
 QuanTEM Website
 Other_email

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

Project Information
 Project Name: DNS
 Project Location: Milwaukee, WI
 Project ID: 14-200-042.3127
 P.O. Number:

RELINQUISHED BY [Signature] **DATE & TIME** 7/16/14 1800 **VIA** FedEx **RECEIVED BY** Judy Rowan **DATE & TIME** 7/17/14 10:30

REQUESTED SERVICES (Please <input checked="" type="checkbox"/> the Appropriate Boxes)				PLM	PLM	TEM	TEM	TURNAROUND TIME
No.	Sample ID (10 Characters Max)	To Be Analyzed	Description	PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>		<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/>	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/>	2	<input type="checkbox"/>		<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/>	3	<input type="checkbox"/>			<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/>	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/>	4	<input type="checkbox"/>		<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/>	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input checked="" type="checkbox"/> 3 - Day
<input type="checkbox"/>	5	<input type="checkbox"/>		<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/>	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day
<input type="checkbox"/>	6	<input type="checkbox"/>						
<input type="checkbox"/>	7	<input type="checkbox"/>						
<input type="checkbox"/>	8	<input type="checkbox"/>						
<input type="checkbox"/>	9	<input type="checkbox"/>						
<input checked="" type="checkbox"/>	10	<input checked="" type="checkbox"/>						



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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
 Lab No. 238165
 Accept Reject

Project Information		Project Name: DNS		Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
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24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

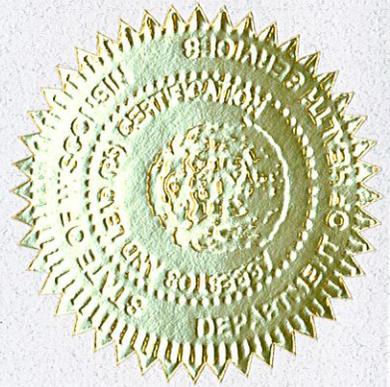
Asbestos Company - Primary

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

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



Shelley A. Bruce
Shelley A. Bruce,
Unit Supervisor





ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN
Dept. of Health Services

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

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

Training due by: 03/19/2015



ASBESTOS INSPECTION REPORT

Job Site:

**Fire Damaged
Two Family Dwelling
3511 North 12th Street
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 14-200-042.3511
Contract No.: 360-14-0745**

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

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

June 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 3511 North 12th Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, ceramic tile, tar paper, aircell insulation, 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 June 17, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3511 North 12th Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, drywall/joint compound, ceramic tile, tar paper, aircell insulation, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1 st floor – dining room – ceiling – patch layer	Negative	N/A	SPI
1b	1 st floor – dining room – ceiling – plaster skim coat	Negative	N/A	SPI
1c	1 st floor – dining room – ceiling – plaster base coat	Trace <1% Chrysotile	N/A	SPI
1c	POINT COUNT RESULT	Trace 0.5% Chrysotile	N/A	SPI
2a	2 nd floor – stair – south wall – plaster skim coat	Negative	N/A	SPI
2b	2nd floor – stair – south wall – plaster base coat	Positive 3% Chrysotile	N/A	SPI
2b	POINT COUNT RESULT	Positive 2% Chrysotile	5,600 Sq. Ft.	SPI
3a	2 nd floor – office – west wall – plaster	Negative	N/A	SPI
3b	2 nd floor – office – west wall – plaster	Negative	N/A	SPI
4a	1 st floor – kitchen – ceiling – joint compound	Negative	N/A	MDW
4b	1 st floor – kitchen – ceiling – drywall	Negative	N/A	MDW
5a	1 st floor – kitchen – north wall – joint compound	Negative	N/A	MDW
5b	1 st floor – kitchen – north wall – drywall	Negative	N/A	MDW
6	2 nd floor – bedroom – south wall – drywall	Negative	N/A	MDW
7a	2 nd floor – bathroom floor – brown ceramic tile	Negative	N/A	MCTMn
7b	2 nd floor – bathroom floor – grout	Negative	N/A	MCTMn
8	2 nd floor – office – on south wall – tar paper	Negative	N/A	MPT
9a	1 st floor – kitchen floor – east side – beige ceramic tile	Negative	N/A	MCTMe
9b	1 st floor – kitchen floor – east side – grout	Negative	N/A	MCTMe
10a	1 st floor – kitchen floor – west side – beige ceramic tile	Negative	N/A	MCTMe
10b	1 st floor – kitchen floor – west side – grout	Negative	N/A	MCTMe
11a	1 st floor – hall floor – beige ceramic tile	Negative	N/A	MCTMe
11b	1 st floor – hall floor – east side – grout	Negative	N/A	MCTMe
12a	1 st floor – kitchen – on wall – tan ceramic tile	Negative	N/A	MCTMt
12b	1 st floor – kitchen – on wall – grout	Negative	N/A	MCTMt
12c	1 st floor – kitchen – on wall – mortar	Negative	N/A	MCTMt
13	Basement - <5" diameter aircell pipe insulation	Positive 90% Chrysotile	7 Ln. Ft.	TA5
14	Basement – on chimney – flue packing	Negative	N/A	TFP
15	Exterior – east wall under wood siding – tar paper #2	Negative	N/A	MPT2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16	Exterior – east wall under wood siding – tar paper #2	Negative	N/A	MPT2
17	Exterior – north wall under wood siding – tar paper #2	Negative	N/A	MPT2

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	800 Sq. Ft.
1 st	Kitchen/Hall	Floor & Wall Mastic	220 Sq. Ft.
2 nd	Bathroom	Floor Mastic	40 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
MDW	Drywall/Joint Compound
MCTMn	Brown Ceramic Tile
MCTMe	Beige Ceramic Tile
MCTMt	Tan Ceramic Tile
MPT	Tar Paper
MPT2	Tar Paper #2
TFP	Flue Packing
TA5	<5” Diameter Aircell Pipe Insulation

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

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

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

Note#4: Additional aircell may be within walls and ceilings.

V. EXCLUSIONS

1st floor covered with fire debris – floors only partially accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

<u>N/A</u>	Air Conditioners (roof top, room, and central)
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>1</u>	Refrigerators , Freezers, Chillers – Kitchen
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

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

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, FURNACES, **HEATERS** AND TANKS – 1 Water Heater in Basement

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

ELECTRICAL SYSTEMS – 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

* 12 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. 236867	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/19/2014	1237 West Bruce St.
Received By: William Mlekush	Milwaukee, WI 53204
Date Analyzed: 06/23/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3511

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Yellow Skim Coat	Asbestos Not Present	NA	Gypsum Quartz
001b		Layered	Light Gray Plaster	Asbestos Present Chrysotile <1	Hair <1	Quartz Gypsum
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Quartz
002a		Layered	Light Gray Plaster	Asbestos Present Chrysotile 3	NA	Quartz Gypsum
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Quartz
003a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose 2	Gypsum CaCO3

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

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



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

Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 236867	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/19/2014	1237 West Bruce St.
Received By: William Mlekush	Milwaukee, WI 53204
Date Analyzed: 06/23/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3511

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004	4	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
004a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
005	5	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
006	6	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10	CaCO3 Paint
007	7	Homogeneous	Brown Ceramic Tile	Asbestos Not Present	NA	Clay
008	8	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. 236867	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/19/2014	1237 West Bruce St.
Received By: William Mlekush	Milwaukee, WI 53204
Date Analyzed: 06/23/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3511

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009	9	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Binder
009a		Layered	Gray Cement	Asbestos Not Present	NA	Quartz Binder
010	10	Layered	Cream Ceramic Tile	Asbestos Not Present	NA	Clay Binder
010a		Layered	Gray Cement	Asbestos Not Present	NA	Quartz Binder
011	11	Layered	Cream Ceramic Tile	Asbestos Not Present	NA	Clay Binder
011a		Layered	Tan Cement	Asbestos Not Present	NA	Binder Quartz
012	12	Layered	Cream Ceramic Tile	Asbestos Not Present	NA	Clay

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. 236867	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/19/2014	1237 West Bruce St.
Received By: William Mlekush	Milwaukee, WI 53204
Date Analyzed: 06/23/2014	Project: DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3511

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012a		Layered	Tan Cement	Asbestos Not Present	NA	Quartz Binder
012b		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3 Glue
013	13	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 90	NA	Binder
014	14	Homogeneous	Gray Concrete	Asbestos Not Present	Synthetic	2 Binder Quartz
015	15	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
016	16	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
017	17	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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

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



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>236867</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

Project Information		Project Name: DNS	Project Location: Milwaukee, WI			
No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input checked="" type="checkbox"/>				
18		<input type="checkbox"/>				
19		<input type="checkbox"/>				
20		<input type="checkbox"/>				
21		<input type="checkbox"/>				
22		<input type="checkbox"/>				
23		<input type="checkbox"/>				
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>				
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input 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. 237380	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 06/30/2014	1237 West Bruce St.
Received By: Sherrie Leftwich	Milwaukee, WI 53204
Date Analyzed:	Project: PTCT for 236867, DNS
Analyzed By: Shweta Harankhedkar	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3511

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Light Gray Plaster	Asbestos Present Chrysotile 0.50 400 Point Count	NA	
002	2	Homogeneous	Light Gray Plaster	Asbestos Present Chrysotile 2 400 Point Count	NA	

Shweta Harankhedkar, Analyst

7/1/2014
Date of Report

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

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



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LABORATORIES
 www.QuanTEM.com

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only

Lab No. 237380
 Accept Reject

Contact Information Company: Harenda Management Group Contact: Dean Jacobsen Account #: B929 Phone: (414) 383-4800 Cell Phone: E-mail: djacobsen@harenda.com Date: SAMPLED BY: <i>[Signature]</i> Name:		Project Information Project Name: DNS Project Location: Milwaukee, WI Project ID: 14-200-042.3511 P.O. Number:	
---	--	--	--

Report Results one box
 QuanTEM Website
 Other email

RELINQUISHED BY <i>[Signature]</i>	DATE & TIME <u>6/30/14 1355</u>	VIA <u>Email</u>	RECEIVED BY <u>SEFFENICK</u>	DATE & TIME <u>6/30/14 1:55</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 Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative (weight%) - Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air-ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative (fibers/sq.cm)- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Description	Volume / Area (as applicable)	Comments / Notes
1		<input checked="" type="checkbox"/>	light gray plaster		Quantem Lab # 236867
2		<input checked="" type="checkbox"/>	light 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

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

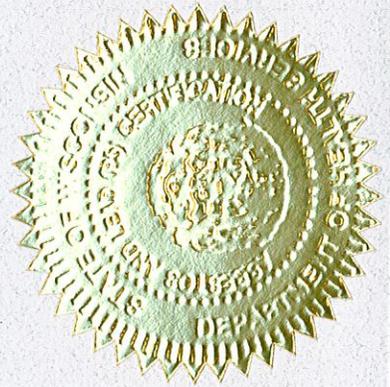
Asbestos Company - Primary

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

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



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor





ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN
Dept. of Health Services

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

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

Training due by: 03/19/2015