HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Two Family Dwelling
426-28 West Burleigh 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.: 14-200-042.426
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

May 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 426-28 West Burleigh Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco, asphalt roofing, drywall/joint compound, blown in insulation, flue packing, floor tile, stair tread, and mastics 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 23, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for fire training, located at 426-28 West Burleigh Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials..
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, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as

determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, stucco, asphalt roofing, drywall/joint compound, blown in insulation, flue packing, floor tile, stair tread, and mastics. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – roof east side – asphalt shingle	Negative	N/A	MRS
2	Exterior – roof west side – asphalt shingle	Negative	N/A	MRS
3	Exterior – roof north side – asphalt shingle	Negative	N/A	MRS
4a	Exterior – basement level on wall – stucco patch skim coat	Negative	N/A	STC
4b	Exterior – basement level on wall – stucco patch base coat	Negative	N/A	STC
5	Basement – east wall – plaster	Negative	N/A	SPl
6a	2nd floor – living room – north wall – patch layer	Negative	N/A	SPl
6b	2nd floor – living room – north wall – plaster	Negative	N/A	SPl
7a	2nd floor – dining room – south wall – patch layer	Negative	N/A	SPl
7b	2nd floor – dining room – south wall – plaster	Negative	N/A	SPl
8	2nd floor – front stair – east wall – plaster	Negative	N/A	SPl
9	2nd floor – hall – west wall – plaster	Negative	N/A	SPl
10a	2nd floor – kitchen – east wall – joint compound	Negative	N/A	MDW
10b	2nd floor – kitchen – east wall – drywall	Negative	N/A	MDW
11a	1st floor – living room – south wall – joint compound	Negative	N/A	MDW
11b	1st floor – living room – south wall – drywall	Negative	N/A	MDW
12a	1st floor – dining room – north wall – joint compound	Negative	N/A	MDW
12b	1st floor – dining room – north wall – drywall	Negative	N/A	MDW
13	Attic – stair – in wall – blown in insulation	Negative	N/A	MBI
14	Attic – in wall east side – blown in insulation	Negative	N/A	MBI
15	Attic – in wall west side – blown in insulation	Negative	N/A	MBI
16	Basement – on north side of chimney – gray flue packing	Negative	N/A	TFPy
17	Basement – on south side of chimney – light gray flue packing	Negative	N/A	TFPylight
18	Attic – stair – under steps – blown in insulation #2	Negative	N/A	MBI2
19	Attic – under floor south side – blown in insulation #2	Negative	N/A	MBI2
20	Attic – under floor south side – blown in insulation #2	Negative	N/A	MBI2
21	1st floor – entry – 12” beige floor tile	Negative	N/A	MF12e
22	2nd floor – kitchen – 12” brown floor tile	Negative	N/A	MF12n
23a	2nd floor – bathroom – 12” tan floor tile	Negative	N/A	MF12t
23b	2nd floor – bathroom – under floor tile – mastic	Negative	N/A	MF12t
24a	2nd floor – stair – stair tread	Negative	N/A	MST

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
24b	2nd floor – stair – under stair tread – mastic	Negative	N/A	MST
25a	1st floor – kitchen – 12" white floor tile	Negative	N/A	MF12w
25b	1st floor – kitchen – under floor tile – mastic	Negative	N/A	MF12w

Notes: N/A = Not Applicable

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
MRS	Asphalt Shingle
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MBI2	Blown in Insulation #2
MF12w	12" White Floor Tile
MF12e	12" Beige Floor Tile
MF12n	12" Brown Floor Tile
MF12t	12" Tan Floor Tile
MST	Stair Tread
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.

V. EXCLUSIONS

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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Electric Meters on Exterior.

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235931
Account Number: B929

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

Date Received: 05/27/2014
Received By: Barbara Holder
Date Analyzed: 05/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Roofing	Asbestos Not Present	Glass Fiber	20	Tar Sand
002	2	Homogeneous	Black Roofing	Asbestos Not Present	Glass Fiber	20	Tar Sand
003	3	Homogeneous	Black Roofing	Asbestos Not Present	Glass Fiber	20	Tar Sand
004	4	Layered	Gray Stucco	Asbestos Not Present	NA		Sand CaCO3
004a		Layered	Tan Stucco	Asbestos Not Present	NA		Sand CaCO3
005	5	Homogeneous	Tan Plaster	Asbestos Not Present	NA		Sand CaCO3
006	6	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Perlite Paint

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

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

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Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
007	7	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
008	8	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
009	9	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
010	10	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum

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Date Analyzed: 05/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
011	11	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum
012	12	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum
013	13	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
014	14	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
015	15	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235931
Account Number: B929
Date Received: 05/27/2014
Received By: Barbara Holder
Date Analyzed: 05/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Homogeneous	Gray Concrete	Asbestos Not Present	NA	Quartz Sand CaCO3
017	17	Homogeneous	Gray Concrete	Asbestos Not Present	NA	Quartz Sand CaCO3
018	18	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
019	19	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
020	20	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	
021	21	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235931
Account Number: B929

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

Date Received: 05/27/2014
Received By: Barbara Holder
Date Analyzed: 05/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
023	23	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
023a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
024	24	Layered	Black Cove Base	Asbestos Not Present	NA	Vinyl CaCO3
024a		Layered	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue
025	25	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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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.	235931	Client:	Harenda Management Group 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	05/27/2014		
Received By:	Barbara Holder		
Date Analyzed:	05/27/2014	Project:	HA
Analyzed By:	Cristal Veech	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	14-200-042.426

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Cristal Veech, Analyst

5/27/2014
Date of Report

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QUANTEM LABORATORIES
www.QuanTEM.com

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. 235931	
Accept	Reject

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

Project Information	
Project Name:	HA
Project Location:	Milwaukee, WI
Project ID:	14-200-042.426
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	5/23/14 1800	FedEx	[illegible]	5-27-14

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 235931
Accept Reject

Project Information

Company: Harenda Management Group | Project Name: HA | Project Location: Milwaukee, WI

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☑				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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,
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"
AII-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
1533-35 West Hadley 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.: 14-200-042.1533
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
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July 2014

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

II. BUILDING SURVEY

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

On July 22, 2014 HMG conducted an asbestos inspection of a two family dwelling and shed, scheduled for mechanical demolition, located at 1533-35 West Hadley 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, crodcidolite, 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, window glazing compound, blown in insulation, and ceramic tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – south wall under wood siding – tar paper	Negative	N/A	MPT
2	Exterior – east wall under wood siding – tar paper	Negative	N/A	MPT
3	Exterior – north wall under wood siding – tar paper	Negative	N/A	MPT
4	1st floor – entry – on window – glazing compound	Negative	N/A	MPG
5	1st floor – dining room – on window – glazing compound	Negative	N/A	MPG
6	2nd floor – hall – on window – glazing compound	Negative	N/A	MPG
7	**2nd floor – hall – west wall – texture**	**Positive 4% Chrysotile**	**4,500 Sq. Ft.**	**STX**
8	**2nd floor – living room – ceiling – texture**	**Positive 2% Chrysotile**	**Reference Sample 7**	**STX**
9	**2nd floor – dining room – ceiling – texture**	**Positive 3% Chrysotile**	**Reference Sample 7**	**STX**
10	**1st floor – entry – north wall – texture**	**Positive 4% Chrysotile**	**Reference Sample 7**	**STX**
11	**1st floor – living room – east wall – texture**	**Positive 4% Chrysotile**	**Reference Sample 7**	**STX**
12a	2nd floor – living room – ceiling – plaster skim coat	Negative	N/A	SPl
12b	2nd floor – living room – ceiling – plaster base coat	Negative	N/A	SPl
13	2nd floor – dining room – ceiling – plaster	Negative	N/A	SPl
14a	1st floor – entry – south wall – plaster skim coat	Negative	N/A	SPl
14b	1st floor – entry – south wall – plaster base coat	Negative	N/A	SPl
15a	**1st floor – living room – west wall – texture**	**Positive 5% Chrysotile**	**Reference Sample 7**	**STX**
15b	1st floor – living room – west wall – plaster	Negative	N/A	SPl
16a	**1st floor – dining room – north wall – texture**	**Positive 5% Chrysotile**	**Reference Sample 7**	**STX**
16b	1st floor – dining room – north wall – plaster skim coat	Negative	N/A	SPl
16c	1st floor – dining room – north wall – plaster base coat	Negative	N/A	SPl
17	2nd floor – living room – in ceiling – blown in insulation	Negative	N/A	MBI
18	2nd floor – dining room – in ceiling – blown in insulation	Negative	N/A	MBI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
19	2nd floor – dining room – in west wall – blown in insulation	Negative	N/A	MBI
20	1st floor – dining room – in ceiling – blown in insulation #2	Negative	N/A	MBI2
21a	1st floor – kitchen floor – white ceramic tile	Negative	N/A	MCTMw
21b	1st floor – kitchen floor – grout	Negative	N/A	MCTMw
21c	1st floor – kitchen floor – under ceramic tile – mortar	Negative	N/A	MCTMw
21d	1st floor – kitchen floor – under mortar – leveling compound	Negative	N/A	MCTMw

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.
Roof	Shed	Asphalt Shingles & Flashing	70 Sq. Ft.
1st	Entry/Bathroom	Floor Tile & Mastic	140 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper
MPG	Glazing Compound
MCTMw	White Ceramic Tile
MBI	Blown in Insulation
MBI2	Blown in Insulation #2

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

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

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

V. EXCLUSIONS

Basement flooded – no access. No access to attic. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

VIII. LABORATORY RESULTS

QUANTEM LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238533
Account Number: B929

Date Received: 07/24/2014
Received By: Judy Rowan
Date Analyzed: 07/28/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1513

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Insulation	Asbestos Not Present	Cellulose 80	Tar
002	2	Homogeneous	Black Insulation	Asbestos Not Present	Cellulose 80	Tar
003	3	Homogeneous	Black Insulation	Asbestos Not Present	Cellulose 80	Tar
004	4	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
005	5	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
006	6	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
007	7	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	Paint CaCO3

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238533
Account Number: B929
Date Received: 07/24/2014
Received By: Judy Rowan
Date Analyzed: 07/28/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1513

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Texture	Asbestos Present Chrysotile 2	NA	Paint CaCO3
009	9	Homogeneous	White Texture	Asbestos Present Chrysotile 3	NA	Paint CaCO3
010	10	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	Paint CaCO3
011	11	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	Paint CaCO3
012	12	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum Quartz
012a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Gypsum
013	13	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Gypsum

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238533
Account Number: B929
Date Received: 07/24/2014
Received By: Judy Rowan
Date Analyzed: 07/28/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1513

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Gypsum
014a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Gypsum
015	15	Layered	White Texture	Asbestos Present Chrysotile 5	NA	CaCO3 Paint
015a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Gypsum
016	16	Layered	White Texture	Asbestos Present Chrysotile 5	NA	Paint CaCO3
016a		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.

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238533
Account Number: B929
Date Received: 07/24/2014
Received By: Judy Rowan
Date Analyzed: 07/28/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1513

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
016b		Layered	Gray Plaster	Asbestos Not Present	NA		Quartz CaCO3 Gypsum
017	17	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder
018	18	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder
019	19	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder
020	20	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber	99	Binder
021	21	Layered	White Ceramic Tile	Asbestos Not Present	NA		Clay
021a		Layered	Light Gray Grout	Asbestos Not Present	NA		Quartz Binder

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. 238533
Account Number: B929

Date Received: 07/24/2014
Received By: Judy Rowan
Date Analyzed: 07/28/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1513

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021b		Layered	Dark Gray Grout	Asbestos Not Present	NA	Quartz CaCO3
021c		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3

Shweta Harankhedkar, Analyst

7/28/2014
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.

QUANTEM LABORATORIES
www.QuanTEM.com

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. 238533	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-042.1513
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/23/14 1800	FedEx	Judy Rowan	7/24/14 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☒				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

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. 238533
Accept Reject

Project Information

Company: Harenda Management Group | 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	☑				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☑				Do Not Test Mastic
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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,
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"
AII-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Two Family Dwelling
1857-59 North 26th 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.: 14-200-042.1857
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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A. Method of Analysis

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 1857-59 North 26th Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On July 23, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 1857-59 North 26th 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.

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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, flue packing, magnesia insulation, window glazing compound, drywall/joint compound, and linoleum. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – on chimney – flue packing	Negative	N/A	TFP
2	**Basement – debris on floor – magnesia insulation**	**Positive 5% Chrysotile, 25% Amosite**	**160 Sq. Ft.**	**TM**
3a	1st floor – living room – north wall – plaster skim coat	Negative	N/A	SPl
3b	1st floor – living room – north wall – plaster base coat	Negative	N/A	SPl
4a	1st floor – dining room – west wall – plaster skim coat	Negative	N/A	SPl
4b	1st floor – dining room – west wall – plaster base coat	Negative	N/A	SPl
5a	1st floor – east bedroom – north wall – plaster skim coat	Negative	N/A	SPl
5b	1st floor – east bedroom – north wall – plaster base coat	Negative	N/A	SPl
6a	1st floor – west bedroom – south wall – plaster skim coat	Negative	N/A	SPl
6b	1st floor – west bedroom – south wall – plaster base coat	Negative	N/A	SPl
7a	2nd floor – kitchen – east wall – plaster skim coat	Negative	N/A	SPl
7b	2nd floor – kitchen – east wall – plaster base coat	Negative	N/A	SPl
8a	2nd floor – dining room – south wall – patch layer	Negative	N/A	SPl
8b	2nd floor – dining room – south wall – plaster skim coat	Negative	N/A	SPl
8c	2nd floor – dining room – south wall – plaster base coat	Negative	N/A	SPl
9a	2nd floor – west bedroom – north wall – plaster skim coat	Negative	N/A	SPl
9b	2nd floor – west bedroom – north wall – plaster base coat	Negative	N/A	SPl
10a	1st floor – living room – north wall – texture	Negative	N/A	STX
10b	1st floor – living room – north wall – texture layer 2	Negative	N/A	STX
11a	1st floor – dining room – west wall – texture	Negative	N/A	STX
11b	1st floor – dining room – west wall – texture layer 2	Negative	N/A	STX
12	1st floor – east bedroom – north wall – texture	Negative	N/A	STX
13	1st floor – west bedroom – south wall – texture	Negative	N/A	STX

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14a	2nd floor – kitchen – east wall – texture	Negative	N/A	STX
14b	2nd floor – kitchen – east wall – texture layer 2	Negative	N/A	STX
15	1st floor – living room – on window – glazing compound	Negative	N/A	MPG
16	1st floor – dining room – on window – glazing compound	Negative	N/A	MPG
17	2nd floor – west bedroom – on window – glazing compound	Negative	N/A	MPG
18a	1st floor – kitchen – east wall – joint compound	Negative	N/A	MDW
18b	1st floor – kitchen – east wall – drywall	Negative	N/A	MDW
19	1st floor – bathroom – west wall – drywall	Negative	N/A	MDW
20a	1st floor – bathroom – west wall – joint compound	Negative	N/A	MDW
20b	1st floor – bathroom – west wall – drywall	Negative	N/A	MDW
21	1st floor – kitchen – west side under floor tile – tan linoleum	Negative	N/A	MFLt
22a	1st floor – kitchen – north side under floor tile – tan linoleum	Negative	N/A	MFLt
22b	1st floor – kitchen – north side under linoleum – leveling compound	Negative	N/A	MFLt
23a	1st floor – pantry – under floor tile – tan linoleum	Negative	N/A	MFLt
23b	1st floor – pantry under linoleum – leveling compound	Negative	N/A	MFLt

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.
1st /2nd	Dwelling	Asphalt Shingle Siding	2,300 Sq. Ft.
1st	Kitchen/Bathroom/Pantry	Floor Tile & Mastic	280 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MFLt	Tan Linoleum
TFP	Flue Packing
TM	Magnesia 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 magnesia may be within walls and ceilings.

V. EXCLUSIONS

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

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 2nd Floor Living Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 238599
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Grout	Asbestos Not Present	Hair <1	Quartz CaCO3
002	2	Homogeneous	White Insulation	Asbestos Present Chrysotile 5 Amosite 25	Glass Fiber 5	Binder
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
003a		Layered	Light Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Quartz
004	4	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
004a		Layered	Light Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Quartz
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238599
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
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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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005a		Layered	Light Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Quartz
006	6	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
006a		Layered	Light Gray Plaster	Asbestos Not Present	NA	CaCO3 Quartz
007	7	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Light Gray Plaster	Asbestos Not Present	NA	CaCO3 Quartz
008	8	Layered	White Texture	Asbestos Not Present	NA	Gypsum Sand Paint
008a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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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. 238599
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008b		Layered	Light Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Quartz
009	9	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	Light Gray Plaster	Asbestos Not Present	NA	CaCO3 Quartz
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Texture	Asbestos Not Present	NA	Gypsum Sand Paint
011	11	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011a		Layered	White Texture	Asbestos Not Present	NA	Gypsum Sand

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

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Homogeneous	White Texture	Asbestos Not Present	NA	Paint CaCO3
013	13	Homogeneous	White Texture	Asbestos Not Present	NA	Paint CaCO3
014	14	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014a		Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15	Homogeneous	Tan Coating	Asbestos Not Present	Cellulose 20	CaCO3 Binder
016	16	Homogeneous	Tan Coating	Asbestos Not Present	Cellulose 20	CaCO3 Binder
017	17	Homogeneous	White Window Glazing	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. 238599
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
018	18	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
018a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
019	19	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum Paint
020	20	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
020a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
021	21	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
022	22	Layered	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. 238599
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Shweta Harankhedkar
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: 14-200-042.1857

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3 Glue
023	23	Layered	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Cork
023a		Layered	Brown Leveling Compound	Asbestos Not Present	NA	Binder Sand

Shweta Harankhedkar, Analyst

7/29/2014
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.

QUANTEM LABORATORIES
www.QuanTEM.com

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. 238599	
(Accept)	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-042.1857
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	7/24/14 1800	FedEx	Judy Rowan	7/25/14 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

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. 238599
Accept Reject

Project Information

Company: Harenda Management Group | 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	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				Do Not Test Mastic
21	21	☐				↓
22	22	☐				
23	23	☑				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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,
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"
AII-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Two Family Dwelling
1924-26 North 24th 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.: 14-200-042.1924
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 1924-26 North 24th Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On July 23, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 1924-26 North 24th Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled except where 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, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

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

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	N/A	MPT
2	Exterior – north wall under wood siding – tar paper	Negative	N/A	MPT
3	Exterior – east wall under wood siding – tar paper	Negative	N/A	MPT
4a	Basement – on chimney – flue packing top layer	Negative	N/A	TFP
4b	Basement – on chimney – flue packing bottom layer	Negative	N/A	TFP
5	**Basement – on duct – duct paper**	**Positive 75% Chrysotile**	**35 Sq. Ft.**	**TDW**
6	**1st floor – living room – on duct – duct paper**	**Positive 75% Chrysotile**	**Reference Sample 5**	**TDW**
7	**2nd floor – dining room – on duct – duct paper**	**Positive 75% Chrysotile**	**Reference Sample 5**	**TDW**
8	1st floor – living room – on window – glazing compound	Negative	N/A	MPG
9	2nd floor – kitchen – on window – glazing compound	Negative	N/A	MPG
10	2nd floor – bedroom – on window – glazing compound	Negative	N/A	MPG
11	1st floor – bathroom – under wood wall panel – tan mastic	Negative	N/A	MWM
12a	1st floor – living room – west wall – plaster skim coat	Negative	N/A	SPl
12b	1st floor – living room – west wall – plaster base coat	Negative	N/A	SPl
13	1st floor – kitchen – south wall – plaster	Negative	N/A	SPl
14a	1st floor – dining room – north wall – plaster skim coat	Negative	N/A	SPl
14b	1st floor – dining room – north wall – plaster base coat	Negative	N/A	SPl
15a	1st floor – back hall – east wall – plaster skim coat	Negative	N/A	SPl
15b	1st floor – back hall – east wall – plaster base coat	Negative	N/A	SPl
16a	2nd floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPl
16b	2nd floor – kitchen – north wall – plaster base coat	Negative	N/A	SPl

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
17a	2nd floor – dining room – west wall – plaster skim coat	Negative	N/A	SPl
17b	2nd floor – dining room – west wall – plaster base coat	Negative	N/A	SPl
18a	2nd floor – stair – east wall – plaster skim coat	Negative	N/A	SPl
18b	2nd floor – stair – east wall – plaster base coat	Negative	N/A	SPl
19a	1st floor – kitchen – south wall – joint compound	Negative	N/A	MDW
19b	1st floor – kitchen – south wall – drywall	Negative	N/A	MDW
20a	1st floor – living room – east wall – joint compound	Negative	N/A	MDW
20b	1st floor – living room – east wall – drywall	Negative	N/A	MDW
21a	2nd floor – kitchen – south wall – joint compound	Negative	N/A	MDW
21b	2nd floor – kitchen – south wall – drywall	Negative	N/A	MDW
22	1st floor – back hall – gray linoleum	Negative	N/A	MFLy
23	1st floor – stair – gray linoleum	Negative	N/A	MFLy
24	2nd floor – stair – gray linoleum	Negative	N/A	MFLy
25	1st floor – living room – in west wall – blown in insulation	Negative	N/A	MBI
26	2nd floor – dining room – in north wall – blown in insulation	Negative	N/A	MBI
27	2nd floor – living room – in west wall – blown in insulation	Negative	N/A	MBI

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,300 Sq. Ft.
1st	Entry/Hall/Kitchen/ Pantry/Bathroom	Floor Tile & Mastic	400 Sq. Ft.
1st	Back Hall/Stair	Floor Mastic	170 Sq. Ft.
2nd	Kitchen/Hall/Bathroom/Stair	Floor Tile & Mastic	250 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MPT	Tar Paper
MPG	Glazing Compound
MWM	Wall Mastic
MDW	Drywall/Joint Compound
MFLy	Gray Linoleum
MBI	Blown in Insulation
TFP	Flue Packing
TDW	Duct Paper

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

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

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

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

V. EXCLUSIONS

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

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 238603
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
002	2	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
004	4	Layered	White Texture	Asbestos Not Present	NA	CaCO3
004a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
005	5	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
006	6	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238603
Account Number: B929

Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
008	8	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
011	11	Homogeneous	Beige Mastic	Asbestos Not Present	NA	Glue
012	12	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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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. 238603
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand Paint
014	14	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
014a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
015	15	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
016	16	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
016a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238603
Account Number: B929
Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
017a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
020	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238603
Account Number: B929

Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
021	21	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
021a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
022	22	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	60	Tar Cork
023	23	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	60	Tar Cork
024	24	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	60	Tar Cork
025	25	Homogeneous	Light Gray Insulation	Asbestos Not Present	Cellulose	100	

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238603
Account Number: B929

Date Received: 07/25/2014
Received By: Judy Rowan
Date Analyzed: 07/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.1924

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Homogeneous	Light Gray Insulation	Asbestos Not Present	Cellulose	100	
027	27	Homogeneous	Light Gray Insulation	Asbestos Not Present	Cellulose	100	

Sandy Baker, Analyst

7/29/2014
Date of Report

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

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
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. 238603	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-042.1924
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	7/24/14 1800	Fedex	Judy Rawan	7/25/14 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

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. 238603
Accept Reject

Project Information

Company: Harenda Management Group | 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	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				Do Not Test Mastic
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☑				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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,
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"
AII-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Two Family Dwelling
2930 West Locust 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.: 14-200-042.2930
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 2930 West Locust Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On July 10, 2014 HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2930 West Locust Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AII – 12823.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled except where 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, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

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

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPl
1b	**1st floor – living room – south wall – plaster base coat**	**Positive 2% Chrysotile**	**N/A**	**SPl**
1b	**POINT COUNT RESULT**	**Positive 1.25% Chrysotile**	**6,700 Sq. Ft.**	**SPl**
2a	1st floor – kitchen – north wall – patch layer	Negative	N/A	SPl
2b	1st floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPl
2c	1st floor – kitchen – north wall – plaster base coat	Positive 2% Chrysotile	N/A	SPl
2c	POINT COUNT RESULT	Trace 1% Chrysotile	N/A	SPl
3a	1st floor – back hall – east wall – plaster skim coat	Negative	N/A	SPl
3b	1st floor – back hall – east wall – plaster base coat	Trace <1% Chrysotile	N/A	SPl
3b	POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	SPl
4a	2nd floor – kitchen – south wall – patch layer	Negative	N/A	SPl
4b	2nd floor – kitchen – south wall – plaster skim coat	Negative	N/A	SPl
4c	2nd floor – kitchen – south wall – plaster base coat	Trace <1% Chrysotile	N/A	SPl
4c	POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	SPl
5a	2nd floor – bedroom – west wall – patch layer	Negative	N/A	SPl
5b	2nd floor – bedroom – west wall – patch layer 2	Negative	N/A	SPl
5c	2nd floor – bedroom – west wall – plaster skim coat	Negative	N/A	SPl
5d	2nd floor – bedroom – west wall – plaster base coat	Positive 2% Chrysotile	N/A	SPl
5d	POINT COUNT RESULT	Trace 1% Chrysotile	N/A	SPl
6	1st floor – kitchen – ceiling – texture	Negative	N/A	STX
7	1st floor – living room – west wall – texture	Negative	N/A	STX
8a	1st floor – dining room – north wall – texture	Negative	N/A	STX

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
8b	1st floor – dining room – north wall – texture layer 2	Negative	N/A	STX
8c	1st floor – dining room – north wall – texture layer 3	Negative	N/A	STX
9	2nd floor – kitchen – ceiling – north wall – texture layer 2	Negative	N/A	STX
10	2nd floor – bedroom – ceiling – north wall – texture layer 2	Negative	N/A	STX
11	1st floor – living room – on window – glazing compound	Negative	N/A	MPG
12	1st floor – kitchen – on window – glazing compound	Negative	N/A	MPG
13	2nd floor – bedroom – on window – glazing compound	Negative	N/A	MPG
14a	1st floor – kitchen – east wall – joint compound	Negative	N/A	MDW
14b	1st floor – kitchen – east wall – drywall	Negative	N/A	MDW
15a	1st floor – bathroom – west wall – joint compound	Negative	N/A	MDW
15b	1st floor – bathroom – west wall – drywall	Negative	N/A	MDW
16	2nd floor – dining room – south wall – joint compound	Negative	N/A	MDW
17	1st floor – bathroom – on wall – mastic	Negative	M/A	MWM
18	1st floor – bathroom – black linoleum	Negative	N/A	MFLk
19	2nd floor – bathroom – white linoleum	Negative	N/A	MFLw
20	Basement – on east side of chimney – flue packing top layer	Trace <1% Chrysotile	N/A	TFP
20	**Basement – on east side of chimney – flue packing bottom layer**	**Positive 15% Chrysotile**	**2 Sq. Ft.**	**TFP**
21	Basement – on west side of chimney – flue packing #2 top layer	Negative	N/A	TFP2
21	Basement – on west side of chimney – flue packing #2 bottom layer	Negative	N/A	TFP2
22	Basement - <5" diameter cardboard pipe insulation	Negative	N/A	TC5

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.
1st	Dwelling	Asphalt Shingle Siding	1,200 Sq. Ft.
1st	Kitchen	Floor Tile & Mastic	150 Sq. Ft.
1st	Bathroom	Floor Mastic	30 Sq. Ft.
1st	Kitchen	Floor Tile & Mastic	150 Sq. Ft.
2nd	Bathroom	Floor Mastic	30 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MWM	Wall Mastic

Homogeneous Material Codes

MFLk	Black Linoleum
MFLw	White Linoleum
TFP	Flue Packing
TFP2	Flue Packing #2
TC5	<5" Diameter Cardboard 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.

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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 2 Gas Meters on Exterior
* 6 Gallons Paint 2nd Floor, 5 Gallons Paint Attic

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. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
001a		Layered	Gray Plaster	Asbestos Present Chrysotile 2	NA	Sand Gypsum
002	2	Layered	White Texture	Asbestos Not Present	Cellulose 4	CaCO3
002a		Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand Gypsum
002b		Layered	Gray Plaster	Asbestos Present Chrysotile 2	NA	Sand Gypsum
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
003a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	Sand Gypsum

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

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 Skim Coat	Asbestos Not Present	NA	Sand Gypsum
004b		Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	Sand Gypsum
005	5	Layered	White Texture	Asbestos Not Present	NA	Gypsum Perlite
005a		Layered	White Texture	Asbestos Not Present	NA	Gypsum Perlite
005b		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
005c		Layered	Gray Plaster	Asbestos Present Chrysotile 2	NA	Sand Gypsum

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
007	7	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008	8	Layered	White Texture	Asbestos Not Present	NA	Gypsum Perlite
008a		Layered	Tan Texture	Asbestos Not Present	Cellulose 4	CaCO3
008b		Layered	Tan Texture	Asbestos Not Present	NA	CaCO3
008c		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
009	9	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011	11	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
012	12	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
013	13	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
014	14	Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
014a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
015	15	Layered	White Joint Compound	Asbestos Not Present	NA	Gypsum CaCO3 Perlite

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. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
016	16	Homogeneous	White Joint Compound	Asbestos Not Present	NA	Gypsum CaCO3 Perlite
017	17	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue Binder
018	18	Homogeneous	Black Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
019	19	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
020	20	Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	Sand CaCO3
020a		Layered	White Insulation	Asbestos Present Chrysotile 15	NA	CaCO3

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QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 237962
Account Number: B929

Date Received: 07/14/2014
Received By: William Mlekush
Date Analyzed: 07/17/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: HA
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
021a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
022	22	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

Cristal Veech

Cristal Veech, Analyst

7/17/2014
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 233962	
Accept	Reject

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

Project Information	
Project Name:	HA
Project Location:	Milwaukee, WI
Project ID:	14-200-042.2930
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/11/14 1800	FedEx	[signature]	7/14/14 10:20am

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☒	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☑				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 237962
Accept Reject

Project Information

Company: Harenda Management Group | Project Name: HA | Project Location: Milwaukee, WI

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				Do Not Test Mastic
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☑				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 238301
Account Number: B929
Date Received: 07/21/2014
Received By: Sherrie Leftwich
Date Analyzed: 07/22/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS, PtCt for 237962
Project Location: Milwaukee, WI
Project Number: 14-200-042.2930

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 1.25 400 Point Count	NA	
002	2	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 1.00 400 Point Count	NA	
003	3	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 0.25 400 Point Count	NA	
004	4	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 0.25 400 Point Count	NA	
005	5	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 1.00 400 Point Count	NA	

Cristal Veech, Analyst

7/22/2014
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 238301
Accept Reject

Report Results (☑ one box)
☑ QuanTEM Website
☐ Other email

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-042.2930
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	7/21/14 1005	Email	[illegible]	7/21/14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☑		gray plaster		Quantem Lab #237962
2	2	☑		gray plaster		
3	3	☑		gray plaster		
4	4	☑		gray plaster		
5	5	☑		gray plaster		
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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,
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"
AII-12823	Exp: 03/19/2015	11/16/1969	Male

Training due by: 03/19/2015