HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Four Family Dwelling
918 South 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.: 14-200-042.918
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 918 South 24th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, window glazing compound, ceramic tile, paper insulation, linoleum, drywall/joint compound, tar paper, flue packing, joint compound patch, caulk, and aircell 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 April 15, 2014 HMG conducted an asbestos inspection of a four family dwelling, scheduled for mechanical demolition, located at 918 South 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, texture, window glazing compound, ceramic tile, paper insulation, linoleum, drywall/joint compound, tar paper, flue packing, joint compound patch, caulk, and aircell pipe insulation. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	1st floor – unit 1 living room – west window – glazing compound	Negative	N/A	MPG
2	2nd floor – unit 3 kitchen – south window – glazing compound	Negative	N/A	MPG
3	2nd floor – unit 4 bedroom – west window – glazing compound	Negative	N/A	MPG
4a	Attic – stair – south wall – patch layer	Negative	N/A	SPl
4b	Attic – stair – south wall – plaster skim coat	Negative	N/A	SPl
4c	Attic – stair – south wall – plaster base coat	Negative	N/A	SPl
5a	1st floor – stair – west wall – patch layer	Negative	N/A	SPl
5b	1st floor – stair – west wall – plaster skim coat	Negative	N/A	SPl
5c	1st floor – stair – west wall – plaster base coat	Negative	N/A	SPl
6	Basement – ceiling – plaster	Negative	N/A	SPl
7a	2nd floor – unit 3 living room – ceiling – plaster skim coat	Negative	N/A	SPl
7b	2nd floor – unit 3 living room – ceiling – plaster base coat	Negative	N/A	SPl
8a	1st floor – entry – north wall – plaster skim coat	Negative	N/A	SPl
8b	1st floor – entry – north wall – plaster base coat	Negative	N/A	SPl
9a	1st floor – unit 1 bathroom – floor – green ceramic tile	Negative	N/A	MCTMg
9b	1st floor – unit 1 bathroom – floor – grout	Negative	N/A	MCTMg
9c	1st floor – unit 1 bathroom – floor – under ceramic tile – mortar	Negative	N/A	MCTMg
10a	1st floor – unit 2 bathroom – floor – green ceramic tile	Negative	N/A	MCTMg
10b	1st floor – unit 2 bathroom – floor – grout	Negative	N/A	MCTMg
10c	1st floor – unit 2 bathroom – floor – under ceramic tile – mortar	Negative	N/A	MCTMg
11a	2nd floor – unit 4 bathroom – floor – green ceramic tile	Negative	N/A	MCTMg
11c	2nd floor – unit 4 bathroom – floor – under ceramic tile – mortar	Negative	N/A	MCTMg

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
12	2nd floor – unit 3 dining room – south wall – texture	Negative	N/A	STX
13	2nd floor – unit 4 living room – ceiling – texture	Negative	N/A	STX
14	1st floor – entry – north wall – texture	Negative	N/A	STX
15a	1st floor – entry floor – brown ceramic tile	Negative	N/A	MCTMn
15b	1st floor – entry floor – grout	Negative	N/A	MCTMn
16a	1st floor – entry – on wall – brown ceramic tile	Negative	N/A	MCTMn
16b	1st floor – entry – on wall – grout	Negative	N/A	MCTMn
17a	1st floor – unit 2 living room – at fireplace – brown ceramic tile	Negative	N/A	MCTMn
17b	1st floor – unit 2 living room – at fireplace – grout	Negative	N/A	MCTMn
18a	1st floor – unit 1 bathroom – on wall – tan ceramic tile	Negative	N/A	MCTMt
18b	1st floor – unit 1 bathroom – on wall – under ceramic tile – mortar	Negative	N/A	MCTMt
19a	1st floor – unit 2 bathroom – on wall – tan ceramic tile	Negative	N/A	MCTMt
19b	1st floor – unit 2 bathroom – on wall – under ceramic tile – mortar	Negative	N/A	MCTMt
20a	2nd floor – unit 3 bathroom – on wall – tan ceramic tile	Negative	N/A	MCTMt
20b	2nd floor – unit 3 bathroom – on wall – grout	Negative	N/A	MCTMt
21	Basement – back room – on ceiling – paper insulation	Negative	N/A	MPI
22	1st floor – unit 2 kitchen – tan linoleum	Negative	N/A	MFLt
23	1st floor – entry – ceiling – drywall	Negative	N/A	MDW
24	2nd floor – stair – west wall – drywall	Negative	N/A	MDW
25	2nd floor – unit 4 kitchen – south wall – drywall	Negative	N/A	MDW
26a	1st floor – stair – black linoleum	Negative	N/A	MFLk
26b	1st floor – stair – under linoleum – backing	Negative	N/A	MFLk
27	2nd floor – stair – black linoleum	Negative	N/A	MFLk
28a	1st floor – unit 1 hall – black linoleum	Negative	N/A	MFLk
28b	1st floor – unit 1 hall – under linoleum – backing	Negative	N/A	MFLk
29	1st floor – kitchen – under floor tile – tar paper	Negative	N/A	MPT
30	1st floor – unit 1 hall – under linoleum – tar paper	Negative	N/A	MPT
31	2nd floor – stair – under linoleum – tar paper	Negative	N/A	MPT
32a	Attic – north room – south wall – joint compound	Negative	N/A	MDW2
32b	Attic – north room – south wall – drywall #2	Negative	N/A	MDW2
33	Attic – south room – south wall – drywall #3	Negative	N/A	MDW3
34a	Basement – on chimney – gray flue packing top layer	Negative	N/A	TFPy
34b	Basement – on chimney – gray flue packing bottom layer	Negative	N/A	TFPy
35a	Attic – on chimney – tan flue packing top layer	Negative	N/A	TFPt
35b	Attic – on chimney – tan flue packing bottom layer	Negative	N/A	TFPt
36a	Attic – on chimney – dark gray flue packing top layer	Negative	N/A	TFPydark
36b	Attic – on chimney – dark gray packing bottom layer	Negative	N/A	TFPydark

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
37a	**Attic – off duct on drywall – light gray flue packing top layer**	**Positive 2% Chrysotile**	**2 Sq. Ft.**	**TFPylight**
37b	Attic – off duct on drywall – light gray packing 2nd layer	Negative	N/A	TFPylight
37c	Attic – off duct on drywall – light gray packing bottom layer	Trace <1% Chrysotile	N/A	TFPylight
38	Basement – on block wall – joint compound patch	Negative	N/A	MJC
39	Exterior – on east wall – plaster patch	Negative	N/A	SPlP
40	Exterior – on north wall – plaster patch	Negative	N/A	SPlP
41	Exterior – on north wall – plaster patch	Negative	N/A	SPlP
42	Exterior – on west window at brick – caulk	Negative	N/A	MCLK
43	Exterior – on east window at brick – caulk	Negative	N/A	MCLK
44	Exterior – on north window at brick – caulk	Negative	N/A	MCLK
45	**Basement – north side - <5" diameter aircell pipe insulation**	**Positive 80% Chrysotile**	**130 Ln. Ft. & 12 Fittings**	**TA5**
46	**Basement – east side - <5" diameter aircell pipe insulation**	**Positive 80% Chrysotile**	**Reference Sample 45**	**TA5**
47	**Basement – south side - <5" diameter aircell pipe insulation**	**Positive 80% Chrysotile**	**Reference Sample 45**	**TA5**

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	3,000 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	3,000 Sq. Ft.
1st	Kitchens	Floor Tile & Mastic	320 Sq. Ft
1st	Bathrooms/Entry/Stair	Floor & Wall Mastic	600 Sq. Ft
2nd	Kitchens/Hall/Dining Room/ Living Room	Floor Tile & Mastic	750 Sq. Ft
2nd	Bathrooms/Stair	Floor & Wall Mastic	500 Sq. Ft

Homogeneous Material Codes

SPl	Plaster
SPlP	Plaster Patch
STX	Texture
MPG	Glazing Compound
MCTMg	Green Ceramic Tile
MCTMn	Brown Ceramic Tile
MCTMt	Tan Ceramic Tile
MFLt	Tan Linoleum
MFLk	Brown Linoleum
MPT	Tar Paper
MDW	Drywall
MDW2	Drywall/Joint Compound
MDW3	Drywall #3
MJC	Joint Compound Patch
MCLK	Caulk
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TFPylight	Light Gray Flue Packing

Homogeneous Material Codes

TFPt	Tan Flue Packing
TA5	<5" Diameter Aircell Pipe Insulation

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

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

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

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

V. EXCLUSIONS

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)
1	Fire Extinguishers (both **portable** and installed HALON suppression systems) – Basement
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 in Attic. 1 Furnace & 1 Water Heater 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 – 5 Electric Meters in Basement

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

PCBs

For electrical devices manufactured prior to 1987, it is safe to assume that they contain PCBs and should be managed accordingly. Most equipment manufactured after this time will say "PCB Free". The following is a list of areas in a building 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
1	Oil Tanks – Suspect UST South Side Exterior
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. 234369
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/22/2014
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
Project Location: Milwaukee, WI
Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Paint	Asbestos Not Present	Cellulose 5	Paint Gypsum
002	2	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
003	3	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
004	4	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
004a		Layered	White Plaster	Asbestos Not Present	NA	Sand Gypsum
004b		Layered	Light Gray Plaster	Asbestos Not Present	NA	Sand Gypsum CaCO3
005	5	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint

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005a		Layered	White Plaster	Asbestos Not Present	NA	Sand Gypsum
005b		Layered	Light Gray Plaster	Asbestos Not Present	NA	Sand Gypsum CaCO3
006	6	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 10	Sand Gypsum
007	7	Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
008	8	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
008a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum

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009	9	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay
009a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
009b		Layered	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
010	10	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay
010a		Layered	Black Grout	Asbestos Not Present	NA	Clay CaCO3
010b		Layered	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
011	11	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay

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011a		Layered	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
012	12	Homogeneous	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
013	13	Homogeneous	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
014	14	Homogeneous	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay
015a		Layered	Gray Grout	Asbestos Not Present	NA	Sand CaCO3
016	16	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay

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017	17	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay
017a		Layered	Gray Grout	Asbestos Not Present	NA	Sand CaCO3
018	18	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
018a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
019	19	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
019a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3

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020a		Layered	White Grout	Asbestos Not Present	NA		Clay CaCO3
021	21	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
022	22	Homogeneous	Tan Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl CaCO3
023	23	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
024	24	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
025	25	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum

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Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Layered	Black Linoleum	Asbestos Not Present	Cellulose 20 Synthetic 10	Binder
026a		Layered	Gray Backing	Asbestos Not Present	Cellulose 100	
027	27	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose 20 Synthetic 10	Binder
028	28	Layered	Black Linoleum	Asbestos Not Present	Cellulose 20 Synthetic 10	Binder
028a		Layered	Gray Backing	Asbestos Not Present	Cellulose 100	
029	29	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose 100	
030	30	Homogeneous	Gray Paper	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. 234369
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/22/2014
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
Project Location: Milwaukee, WI
Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031	31	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose	100	
032	32	Layered	White Texture	Asbestos Not Present	NA		CaCO3
032a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum
033	33	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum Paint
034	34	Layered	Gray Insulation	Asbestos Not Present	Wollastonite	50	Gypsum
034a		Layered	White Texture	Asbestos Not Present	NA		CaCO3
035	35	Layered	Tan Plaster	Asbestos Not Present	NA		Sand Gypsum

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035a		Layered	White Texture	Asbestos Not Present	NA	CaCO3
036	36	Layered	Gray Insulation	Asbestos Not Present	Wollastonite 50	Gypsum
036a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
037	37	Layered	Gray Insulation	Asbestos Present Chrysotile 2	Cellulose 5	Gypsum
037a		Layered	White Texture	Asbestos Not Present	NA	CaCO3
037b		Layered	Tan Insulation	Asbestos Present Chrysotile <1	Cellulose 99	
038	38	Homogeneous	White Texture	Asbestos Not Present	NA	Gypsum CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234369
Account Number: B929
Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/22/2014
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
Project Location: Milwaukee, WI
Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039	39	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
040	40	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
041	41	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
042	42	Homogeneous	Gray Caulk	Asbestos Not Present	NA	Binder
043	43	Homogeneous	Gray Caulk	Asbestos Not Present	Wollastonite 4	Binder Sand
044	44	Homogeneous	Gray Caulk	Asbestos Not Present	Wollastonite 4	Gypsum Sand Binder
045	45	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 80	NA	Binder

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234369
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/22/2014
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
Project Location: Milwaukee, WI
Project Number: 14-200-042.918

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
046	46	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 80	NA	Binder
047	47	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 80	NA	Binder

Cristal Veech, Analyst

4/22/2014
Date of Report

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

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

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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. 234369
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
31	31	☒				
32	32	☐				Do Not Test/Matrix
33	33	☐				↓
34	34	☐				
35	35	☐				
36	36	☐				
37	37	☐				
38	38	☐				
39	39	☐				
40	40	☐				
41	41	☐				
42	42	☐				
43	43	☐				
44	44	☐				
45	45	☐				
46	46	☐				
47	47	☑				
48		☐				
49		☐				
50		☐				

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"

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. 2341369	
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:	14-200-042.918
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/16/18 1800	FedEx	[signature]	4-17-14 9:45

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	☒				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234369
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	☐				Do Not Test Mastic
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	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:

Four Family Dwelling
2312-14 West Center 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.: 14-200-042.2312
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2312-14 West Center Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On April 10, 2014 HMG conducted an asbestos inspection of a four family dwelling, scheduled for mechanical demolition, located at 2312-14 West Center Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300.

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	**Exterior – south wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**3,100 Sq. Ft.**	**MTP**
2	**Exterior – west wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**Reference Sample 1**	**MTP**
3	**Exterior – north wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**Reference Sample 1**	**MTP**
4	Exterior – south wall under transite – tar paper	Negative	N/A	MPT
5	Exterior – west wall under transite – tar paper	Negative	N/A	MPT
6	Exterior – north wall under transite – tar paper	Negative	N/A	MPT
7	Exterior – south wall under wood siding – tar paper #2	Negative	N/A	MPT2
8	Exterior – west wall under wood siding – tar paper #2	Negative	N/A	MPT2
9	Exterior – north wall under wood siding – tar paper #2	Negative	N/A	MPT2
10	**Basement – on chimney – flue packing**	**Positive 25% Chrysotile**	**6 Sq. Ft.**	**TFP**
11	1st floor – front entry – under floor tile – tar paper #3	Negative	N/A	MPT3
12	Attic – south room – ceiling – drywall	Negative	N/A	MDW
13	2nd floor – south bedroom – north wall – drywall	Negative	N/A	MDW
14a	1st floor – rear kitchen – ceiling – joint compound	Negative	N/A	MDW
14b	1st floor – rear kitchen – ceiling – drywall	Negative	N/A	MDW
15	2nd floor – rear kitchen – under carpet – orange linoleum	Negative	N/A	MFLo
16	**2nd floor – rear bathroom – black linoleum**	**Positive 30% Chrysotile**	**40 Sq. Ft.**	**MFLk**
17	**2nd floor – rear kitchen – on duct – duct paper**	**Positive 80% Chrysotile**	**170 Sq. Ft. See Note #4**	**TDW**
18	**Basement – on ducts – duct paper**	**Positive 80% Chrysotile**	**Reference Sample 17**	**TDW**
19	**1st floor – east bedroom – on north wall duct – duct paper**	**Positive 80% Chrysotile**	**Reference Sample 17**	**TDW**
20	1st floor – rear kitchen – under floor tile – gray linoleum	Negative	N/A	MFLy
21	1st floor – rear bathroom – blue linoleum	Negative	N/A	MFLb
22	2nd floor – front kitchen – white and blue linoleum	Negative	N/A	MFLwb
23a	2nd floor – stair – south wall – texture	Negative	N/A	STX

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
23b	2nd floor – stair – south wall – texture layer 2	Negative	N/A	STX
24	2nd floor – living room – north wall – texture	Negative	N/A	STX
25a	2nd floor – kitchen – south wall – texture	Negative	N/A	STX
25b	2nd floor – kitchen – south wall – texture layer 2	Negative	N/A	STX
26	2nd floor – kitchen – west window – glazing compound	Negative	N/A	MPG
27	1st floor – kitchen – west window – glazing compound	Negative	N/A	MPG
28	Attic – south window – glazing compound	Negative	N/A	MPG
29a	2nd floor – front living room – west wall – plaster skim coat	Negative	N/A	SPl
29b	2nd floor – front living room – west wall – plaster base coat	Negative	N/A	SPl
30a	1st floor – front bathroom – ceiling – plaster skim coat	Negative	N/A	SPl
30b	1st floor – front bathroom – ceiling – plaster base coat	Negative	N/A	SPl
31a	2nd floor – stair – north wall – plaster skim coat	Negative	N/A	SPl
31b	2nd floor – stair – north wall – plaster base coat	Negative	N/A	SPl
32a	2nd floor – rear kitchen – west wall – plaster skim coat	Negative	N/A	SPl
32b	2nd floor – rear kitchen – west wall – plaster base coat	Negative	N/A	SPl
33a	1st floor – rear bathroom – ceiling – plaster skim coat	Negative	N/A	SPl
33b	1st floor – rear bathroom – ceiling – plaster base coat	Negative	N/A	SPl
34a	Basement – north wall – plaster skim coat	Negative	N/A	SPl
34b	Basement – north wall – plaster base coat	Negative	N/A	SPl
35a	2nd floor – front bathroom – east wall – plaster skim coat	Negative	N/A	SPl
35b	2nd floor – front bathroom – east wall – plaster base coat	Negative	N/A	SPl

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	1,400 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	1,350 Sq. Ft
1st	Entry/Kitchens/Bathrooms/Stair	Floor Tile & Mastic	670 Sq. Ft
2nd	Kitchens/Bathrooms/Stair	Floor Mastic	400 Sq. Ft

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MPT2	Tar Paper #2
MPT3	Tar Paper #3
MDW	Drywall/Joint Compound

Homogeneous Material Codes

MFLo	Orange Linoleum
MFLy	Gray Linoleum
MFLk	Black Linoleum
MFLb	Blue Linoleum
MFLwb	White & Blue Linoleum
MPG	Glazing Compound
TDW	Duct Paper
TFP	Flue Packing

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

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

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

Note#4: 120 sq. ft. of 2nd floor rear kitchen floor and 300 sq. ft. of basement floor and shelves contaminated. Duct paper observed on 1st floor, 2nd floor, and basement ducts. Additional duct paper may be within walls and ceilings.

V. EXCLUSIONS

1st floor southeast bedroom floor buried in garbage and not accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

Persons conducting inspections for asbestos must hold a valid asbestos inspector certification card issued by the State of Wisconsin, Dept. of Health 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 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. 2 Electric Meters & 3 Breaker Boxes in Basement

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

PCBs

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

* 15 Gallons Paint in 2nd Floor Front Apartment

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. 234132
Account Number: B929

Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
006	6	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
007	7	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	

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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. 234132
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Client: Harenda Management Group
Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
009	9	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
010	10	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
011	11	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
012	12	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
013	13	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
014	14	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234132
Account Number: B929

Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
015	15	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
016	16	Homogeneous	Black Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl Foam
017	17	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Binder
018	18	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Binder
019	19	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 10	Binder
020	20	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 70	Tar Cork

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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. 234132
Account Number: B929

Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
021	21	Homogeneous	Green Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
022	22	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
023	23	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
023a		Layered	White Plaster	Asbestos Not Present	NA		Quartz Sand
024	24	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
025	25	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
025a		Layered	White Plaster	Asbestos Not Present	NA		Quartz Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234132
Account Number: B929

Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
027	27	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
028	28	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
029	29	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
029a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2	Quartz Sand
030	30	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
030a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	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. 234132
Account Number: B929
Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
031a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand
032	32	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
032a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand
033	33	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
033a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2	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.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234132
Account Number: B929

Date Received: 04/11/2014
Received By: Joanna Mueller
Date Analyzed: 04/18/2014
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: 14-200-042.2312

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	34	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
034a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
035	35	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand Paint
035a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand

Sandy Baker, Analyst

4/18/2014
Date of Report

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

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

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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. 2341132
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:	14-200-042.2312
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/10/14 1800	FedEx	[signature]	4/11/14 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	**PCM**	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ 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. 234132
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	☐				Do Not Test Mastic
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	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"

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234132
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
31	31	☒				
32	32	☐				
33	33	☐				
34	34	☐				
35	35	☑				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

Damian Scott Rogowski

140 E Davis St

Beaver Dam WI 53916-2943

		185 lbs	5' 10"
II-161300	Exp. 03/19/2015	12/01/1980	Male

raining due by: 03/19/2015

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Apartment Building
2131 West Pierce 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.: 14-200-042.2131
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

TABLE OF CONTENTS

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the building at 2131 West Pierce Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, caulk, stucco patch, drywall, flue packing, ceramic tile, 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 May 1, 2014 HMG conducted an asbestos inspection of an apartment building, scheduled for mechanical demolition, located at 2131 West Pierce 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, caulk, stucco patch, drywall, flue packing, ceramic tile, and linoleum. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	**Exterior – on brick wall – caulk**	**Positive 4% Chrysotile**	**10 Sq. Ft.**	**MCLK**
2	Exterior – on brick wall – white stucco patch	Negative	N/A	STCw
3	Exterior – on brick wall – gray stucco patch	Negative	N/A	STCy
4	Basement – storage area – ceiling – plaster	Negative	N/A	SPl
5	1st floor – apartment 5 kitchen – east wall – plaster	Negative	N/A	SPl
6a	1st floor – stair – west wall – plaster skim coat	Negative	N/A	SPl
6b	1st floor – stair – west wall – plaster base coat	Negative	N/A	SPl
7a	2nd floor – apartment 6 living room – north wall – plaster skim coat	Negative	N/A	SPl
7b	2nd floor – apartment 6 living room – north wall – plaster base coat	Negative	N/A	SPl
8a	2nd floor – apartment 8 kitchen – east wall – plaster skim coat	Negative	N/A	SPl
8b	2nd floor – apartment 8 kitchen – east wall – plaster base coat	Negative	N/A	SPl
9	Basement – apartment 2 kitchen – north wall – drywall	Negative	N/A	MDW
10	1st floor – apartment 5 dining room – south wall – drywall	Negative	N/A	MDW
11	2nd floor – apartment 7 living room – east wall – drywall	Negative	N/A	MDW
12a	1st floor – apartment 5 living room – south wall – texture	Negative	N/A	STX
12b	1st floor – apartment 5 living room – south wall – texture layer 2	Negative	N/A	STX
13	1st floor – entry – east wall – texture	Negative	N/A	STX
14a	2nd floor – apartment 7 living room – ceiling – texture	Negative	N/A	STX
14b	2nd floor – apartment 7 living room – ceiling – texture layer 2	Negative	N/A	STX
15	Basement – apartment 1 bathroom – under wall panel – mastic	Negative	N/A	MWM
16	1st floor – apartment 4 bathroom – under wall tile – mastic	Negative	N/A	MWM
17	2nd floor – apartment 6 bathroom – under wall tile – mastic	Negative	N/A	MWM

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
18	**Basement – apartment 1 storage area – on chimney – flue packing 1**	**Positive 15% Chrysotile**	**3 Sq. Ft.**	**TFP1**
19	Basement – apartment 2 storage area – on chimney – flue packing 2	Negative	N/A	TFP2
20	1st floor – entry – on wall – ceramic tile	Negative	N/A	MCTM
21	1st floor – apartment 3 bathroom – top layer – black and white linoleum	Negative	N/A	MFLkw
22	1st floor – apartment 3 bathroom – bottom layer – cream linoleum	Negative	N/A	MFLc
23	Basement – apartment 1 bathroom – top layer – tan linoleum	Negative	N/A	MFLt
24	Basement – apartment 1 bathroom – 2nd layer – white linoleum	Negative	N/A	MFLw
25	Basement – apartment 1 bathroom – bottom layer – gray linoleum	Negative	N/A	MFLy
26	Basement – apartment 1 kitchen – top layer – tan linoleum	Negative	N/A	MFLt
27	1st floor – apartment 5 kitchen – top layer – tan linoleum	Negative	N/A	MFLt
28	2nd floor – apartment 7 kitchen – bottom layer – tan and blue linoleum	Negative	N/A	MFLtb
29	2nd floor – apartment 8 kitchen – under floor tile – brown linoleum	Negative	N/A	MFLn
30	2nd floor – apartment 7 kitchen – top layer – white and cream linoleum	Negative	N/A	MFLc
31	2nd floor – apartment 6 bathroom – yellow linoleum	Negative	N/A	MFLl
32	1st floor – apartment 4 bathroom – top layer – beige linoleum	Negative	N/A	MFLe
33	1st floor – apartment 3 kitchen – top layer – white and green linoleum	Negative	N/A	MFLwg
34	Basement – apartment 2 bathroom – top layer – tan and white linoleum	Negative	N/A	MFLtw

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Built up Roofing & Flashing	1,200 Sq. Ft.
Basement	Stair/Kitchens	Floor Tile & Mastic	430 Sq. Ft.
Basement	Bathrooms	Floor Mastic	100 Sq. Ft.
1st	Kitchens/Bathrooms	Floor Tile & Mastic	500 Sq. Ft.
2nd	Kitchens/Bathrooms	Floor Tile & Mastic	500 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STCw	White Stucco
STCy	Gray Stucco
MCLK	Caulk

Homogeneous Material Codes

MDW	Drywall
MWM	Wall Mastic
MCTM	Ceramic Tile
MFLkw	Black & White Linoleum
MFLc	Cream Linoleum
MFLt	Tan Linoleum
MFLw	White Linoleum
MFLy	Gray Linoleum
MFLtb	Tan & Blue Linoleum
MFLn	Brown Linoleum
MFLl	Yellow Linoleum
MFLe	Beige Linoleum
MFLwg	White & Green Linoleum
MFLwc	White & Cream Linoleum
MFLtw	Tan & White Linoleum
TFP1	Flue Packing #1
TFP2	Flue Packing #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

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 – 1 Furnace & 1 Water Heater 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 – 4 Breaker Boxes in Storage Room

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
1	Junk Auto Tires – Exterior
N/A	Junk Vehicles

* 9 Gas Meters, 1 Quart Lighter Fluid, & 9 Gallons Paint & in Basement

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
002	2	Homogeneous	White Plaster	Asbestos Not Present	NA	Quartz Sand
003	3	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
004	4	Homogeneous	Tan Plaster	Asbestos Not Present	Animal Hair 4	Quartz Sand
005	5	Homogeneous	Tan Plaster	Asbestos Not Present	Animal Hair 3	Quartz Sand
006	6	Layered	White Plaster	Asbestos Not Present	NA	Quartz Sand Paint
006a		Layered	Tan Plaster	Asbestos Not Present	Animal Hair 4	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. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
007	7	Layered	White Plaster	Asbestos Not Present	NA		Quartz Sand Paint
007a		Layered	Tan Plaster	Asbestos Not Present	Animal Hair	3	Quartz Sand
008	8	Layered	White Plaster	Asbestos Not Present	NA		Quartz Sand Paint
008a		Layered	Tan Plaster	Asbestos Not Present	Animal Hair	4	Quartz Sand
009	9	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum Paint
010	10	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum Paint
011	11	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum 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. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Layered	White Texture	Asbestos Not Present	Cellulose 5	CaCO3 Paint
012a		Layered	White Plaster	Asbestos Not Present	NA	Quartz Sand
013	13	Homogeneous	White Texture	Asbestos Not Present	Cellulose 5	CaCO3 Paint
014	15	Homogeneous	Cream Mastic	Asbestos Not Present	NA	Glue
015	16	Homogeneous	Cream Mastic	Asbestos Not Present	NA	Glue
016	17	Homogeneous	Cream Mastic	Asbestos Not Present	NA	Glue
017	18	Homogeneous	Light Gray Plaster	Asbestos Present Chrysotile 15	NA	Quartz Sand

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	19	Homogeneous	Light Gray Plaster	Asbestos Present Chrysotile 15	NA	Quartz Sand
019	20	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	Clay
020	21	Homogeneous	Black Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
021	22	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
022	23	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
023	24	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
024	25	Homogeneous	Light Gray Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam

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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. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
025	26	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
026	27	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	NA		Vinyl Foam
027	28	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose	75	Vinyl
028	29	Homogeneous	Dark Brown Sheet Vinyl	Asbestos Not Present	Cellulose	65	Vinyl Foam
029	30	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
030	31	Homogeneous	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
031	32	Homogeneous	Light Gray Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 235083
Account Number: B929

Date Received: 05/05/2014
Received By: Joanna Mueller
Date Analyzed: 05/09/2014
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: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
032	33	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
033	34	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam

Sandy Baker, Analyst

5/9/2014
Date of Report

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

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

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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. 235083
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:	14-200-042.2131
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	5/2/14 1700	FedEx	J. Mueller	5-5-14 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	☒				
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. 235083
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	15	☐				
15	16	☐				
16	17	☐				
17	18	☐				
18	19	☐				
19	20	☐				
20	21	☐				Do Not Test/Mastic
21	22	☐				↓
22	23	☐				
23	24	☐				
24	25	☐				
25	26	☐				
26	27	☐				Do Not Test/Mastic
27	28	☐				↓
28	29	☐				
29	30	☐				
30	31	☑				

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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. 235003
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
31	32	☒				Do Not Test Mastic
32	33	☐				↓
33	34	☑				
34		☐				
35		☐				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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. 235199
Account Number: B929
Date Received: 05/07/2014
Received By: Joanna Mueller
Date Analyzed: 05/12/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2131

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	14	Layered	Cream Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

Cristal Veech, Analyst

5/12/2014
Date of Report

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

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

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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. 235199	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:	14-200-042.2131
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	5/6/14 1800	FedEx	[signature]	5-7-14 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	14	☑				
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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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 Front Dwelling
2868 North Richards 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.: 14-200-042.2868F
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the front dwelling at 2868 North Richards Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, tar paper, window glazing compound, flue packing, drywall, linoleum, 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 April 15, 2014 HMG conducted an asbestos inspection of a two family front dwelling, scheduled for mechanical demolition, located at 2868 North Richards 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, tar paper, window glazing compound, flue packing, drywall, linoleum, and ceramic tile. 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 – south wall under wood siding – tar paper	Negative	N/A	MPT
4	Exterior – on east basement window – glazing compound	Negative	N/A	MPG
5	Exterior – on north basement window – glazing compound	Negative	N/A	MPG
6	Exterior – on south basement window – glazing compound	Negative	N/A	MPG
7a	Basement – on chimney – white flue packing top layer	Negative	N/A	TFPw
7b	**Basement – on chimney – white flue packing bottom layer**	**Positive 80% Chrysotile**	**5 Sq. Ft.**	**TFPw**
8	**Basement – on chimney – light gray flue packing**	**Positive 30% Chrysotile**	**5 Sq. Ft.**	**TFPylight**
9	**Basement – on chimney – dark gray flue packing**	**Positive 25% Chrysotile**	**4 Sq. Ft.**	**TFPydark**
10a	Basement – hall – west wall – joint compound	Negative	N/A	MDW
10b	Basement – hall – west wall – drywall	Negative	N/A	MDW
11a	Basement – stair – ceiling – joint compound	Negative	N/A	MDW
11b	Basement – stair – ceiling – drywall	Negative	N/A	MDW
12a	Basement – stair – south wall – joint compound	Negative	N/A	MDW
12b	Basement – stair – south wall – drywall	Negative	N/A	MDW
13	2nd floor – living room – west wall – plaster	Negative	N/A	SPl
14	2nd floor – kitchen – north wall – plaster	Negative	N/A	SPl
15a	2nd floor – stair – south wall – plaster skim coat	Negative	N/A	SPl
15b	2nd floor – stair – south wall – plaster base coat	Negative	N/A	SPl
16a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
16b	2nd floor – living room – east wall – plaster base coat	Negative	N/A	SPl
17a	1st floor – dining room – north wall – plaster skim coat	Negative	N/A	SPl
17b	2nd floor – dining room – north wall – plaster base coat	Negative	N/A	SPl

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
18	2nd floor – kitchen – brown linoleum	Negative	N/A	MFLn
19	2nd floor – stair – tan linoleum	Negative	N/A	MFLt
20	2nd floor – stair – south wall – texture	Negative	N/A	STX
21	1st floor – entry – east wall – texture	Negative	N/A	STX
22	1st floor – bedroom – west wall – texture	Negative	N/A	STX
23a	1st floor – entry floor – gray ceramic tile	Negative	N/A	MCTMy
23b	1st floor – entry floor – grout	Negative	N/A	MCTMy
24	2nd floor – kitchen – on wall under plastic tile – mastic	Negative	N/A	MWM
25	2nd floor – kitchen – on window – glazing compound #2	Negative	N/A	MPG2
26	2nd floor – bedroom – on window – glazing compound #2	Negative	N/A	MPG2
28	1st floor – bathroom – beige linoleum	Negative	N/A	MFLe

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.
1st	Kitchen/Stair	Floor Tile & Mastic	200 Sq. Ft
1st	Entry	Floor Mastic	25 Sq. Ft
2nd	Kitchen/Bathroom/Stair	Floor Mastic	220 Sq. Ft

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper
MPG	Glazing Compound
MPG2	Glazing Compound #2
MDW	Drywall/Joint Compound
MFLn	Brown Linoleum
MFLt	Tan Linoleum
MFLe	Beige Linoleum
MCTMy	Gray Ceramic Tile
MWM	Wall Mastic
TFPydark	Dark Gray Flue Packing
TFPylight	Light Gray Flue Packing
TFPw	White 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 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 – 1 Furnace & 1 Water Heater in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement.

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

* 5 Gallons Paint in Basement

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
004	4	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
005	5	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
006	6	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite
007	7	Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Light Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder
008	8	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 30	NA	Binder
009	9	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 25	NA	Quartz Binder
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
011	11	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	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. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
013	13	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 2	Quartz Sand
014	14	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand
015	15	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
015a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
016	16	Layered	White Skim Coat	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. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
017	17	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
017a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
018	18	Homogeneous	Dark Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20 Glass Fiber 5 Synthetic 5	Vinyl Foam
019	19	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
020	20	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
021	21	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint

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

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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. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
023	23	Layered	Light Gray Ceramic Tile	Asbestos Not Present	NA	Clay
023a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Clay
024	24	Composite	Yellow Leveling Compound	Asbestos Not Present	NA	CaCO3 Glue
025	25	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
026	26	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
027	27	**	** **	**	Not Analyzed	

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

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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. 234400
Account Number: B929

Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/24/2014
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: 14-200-042.2868F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
No Sample in Container							
028	28	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam

Sandy Baker, Analyst

4/24/2014
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. 234400	
(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:	14-200-042.2868F
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/16/14 1800	FedEx	[signature]	4/17/14 9:45

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. 234400
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	☐				Do Not Test Mastic
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	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:

One Family Rear Dwelling
2868 North Richards 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.: 14-200-042.2868R
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the rear dwelling at 2868 North Richards Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, tar paper, window glazing compound, flue packing, 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 April 15, 2014 HMG conducted an asbestos inspection of a one family rear dwelling, scheduled for mechanical demolition, located at 2868 North Richards 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, flue packing, 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	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 – south wall under wood siding – tar paper	Negative	N/A	MPT
4	2nd floor – bedroom – on window – glazing compound	Negative	N/A	MPG
5	1st floor – living room – on window – glazing compound	Negative	N/A	MPG
6	1st floor – bedroom – on window – glazing compound	Negative	N/A	MPG
7a	2nd floor – stair – north wall – texture	Negative	N/A	STX
7a	2nd floor – stair – north wall – texture layer 2	Negative	N/A	STX
8a	2nd floor – living room – ceiling – texture	Negative	N/A	STX
8a	2nd floor – living room – ceiling – texture layer 2	Negative	N/A	STX
9a	2nd floor – living room – south wall – texture	Negative	N/A	STX
9a	2nd floor – living room – south wall – texture layer 2	Negative	N/A	STX
10	2nd floor – living room – tan linoleum	Negative	N/A	MFLt
11a	2nd floor – south bedroom – south wall – plaster skim coat	Negative	N/A	SPl
11b	2nd floor – south bedroom – south wall – plaster base coat	Negative	N/A	SPl
12	2nd floor – living room – west wall – plaster	Negative	N/A	SPl
13a	1st floor – living room – ceiling – plaster skim coat	Negative	N/A	SPl
13b	1st floor – living room – ceiling – plaster base coat	Negative	N/A	SPl
14	1st floor – bedroom – north wall – plaster	Negative	N/A	SPl
15a	Basement – stair – ceiling – plaster skim coat	Negative	N/A	SPl
15b	Basement – stair – ceiling – plaster base coat	Negative	N/A	SPl
16	1st floor – bathroom – brown linoleum	Negative	N/A	MFLn
17a	2nd floor – stair – wall patch – joint compound	Negative	N/A	MDW
17b	2nd floor – stair – wall patch – drywall	Negative	N/A	MDW
18a	Basement – on chimney – white flue packing top layer	Negative	N/A	TFPw
18b	Basement – on chimney – white flue packing bottom layer	Trace <1% Chrysotile	N/A	TFPw

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
18b	POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	TFPw
19	**Basement – on chimney – gray flue packing**	**Positive 2% Chrysotile**	**2 Sq. Ft.**	**TFPy**

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	400 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	1,500 Sq. Ft
1st	Kitchen/Living Room	Floor Tile & Mastic	550 Sq. Ft
1st	Bathroom	Floor Mastic	6-0 Sq. Ft
2nd	Living Room	Floor Mastic	150 Sq. Ft

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MFLn	Brown Linoleum
MFLt	Tan Linoleum
TFPy	Gray Flue Packing
TFPw	White 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 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 – 1st Floor Bedroom
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, **FURNACES, HEATERS** AND TANKS – 1 Furnace & 1 Water Heater 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 – 1 Electric Meter on Exterior. 1 Breaker Box in Basement.

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234392
Account Number: B929
Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/25/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2868R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Siding	Asbestos Not Present	Cellulose	70	Tar
002	2	Homogeneous	Black Siding	Asbestos Not Present	Cellulose	70	Tar
003	3	Homogeneous	Black Siding	Asbestos Not Present	Cellulose	70	Tar
004	4	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
005	5	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
006	6	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
007	7	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234392
Account Number: B929
Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/25/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2868R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
008	8	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
009	9	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
010	10	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
011	11	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234392
Account Number: B929
Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/25/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2868R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
012	12	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
013	13	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
013a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
014	14	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
015	15	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
015a		Layered	Tan Plaster	Asbestos Not Present	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.

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234392
Account Number: B929
Date Received: 04/17/2014
Received By: Joanna Mueller
Date Analyzed: 04/25/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2868R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
017	17	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
017a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
018	18	Layered	White Insulation	Asbestos Not Present	NA	Clay Gypsum
018a		Layered	Brown Plaster	Asbestos Present Chrysotile <1	NA	Sand CaCO3
019	19	Homogeneous	Brown Plaster	Asbestos Present Chrysotile 2	NA	Sand CaCO3

Cristal Veech, Analyst

4/25/2014
Date of Report

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

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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. 234392
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:	14-200-042.2868R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/16/14 1800	FedEx	[signature]	4-17-14 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	☑				Do Not Test/Mastic

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. 234392
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	☒				Do Not Test/Mastic
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☑				
20		☐				
21		☐				
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

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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. 234964
Account Number: B929

Date Received: 05/01/2014
Received By: Sherrie Leftwich
Date Analyzed: 05/01/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: PTCT for 234392, DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2868R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	18a	Homogeneous	Brown Plaster	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Cristal Veech, Analyst

5/1/2014
Date of Report

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

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

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234964
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:	14-200-042.2868R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	5/1/14 1030	Email	S Lufterich	5/1/14 11:00

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	18	☑		brown plaster		Quantem Lab #234392
2		☐				
3		☐				
4		☐				
5		☐				
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