



ASBESTOS INSPECTION REPORT

Job Site:

**Commercial Building
3456 North Buffum 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.: 14-200-042.3456
Contract No.: 360-14-0745**

Eric Christon
Asbestos Inspector No. AII – 12823

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

December 2014

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the building at 3456 North Buffum Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco, texture, floor tile, vinyl wallbase, ceiling tile, drywall/joint compound, stair tread, ceramic tile, and transite chimney to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code*.

II. BUILDING SURVEY

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

On December 30, 2014 HMG conducted an asbestos inspection of a commercial building, scheduled for mechanical demolition, located at 3456 North Buffum Street, Milwaukee, Wisconsin. The inspection was conducted by Eric Christon, Wisconsin License No. AI – 12823.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, stucco, texture, floor tile, vinyl wallbase, ceiling tile, drywall/joint compound, stair tread, ceramic tile, and transite chimney. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1 st floor – office – west side – 12” gray floor tile	Negative	N/A	MF12y
1b	1 st floor – office – west side – under gray floor tile – mastic	Negative	N/A	MF12y
2a	1 st floor – office – east side – 12” gray floor tile	Negative	N/A	MF12y
2b	1 st floor – office – east side – under gray floor tile – mastic	Negative	N/A	MF12y
3a	1 st floor – office – south side – 12” gray floor tile	Negative	N/A	MF12y
3b	1 st floor – office – south side – under gray floor tile – mastic	Negative	N/A	MF12y
4a	1st floor – entry – 9” white floor tile	Positive 4% Chrysotile	1,900 Sq. Ft.	MF9w
4b	1 st floor – entry – under white floor tile – mastic	Negative	N/A	MF9w
5a	2nd floor – office – west side – 9” white floor tile	Positive 4% Chrysotile	Reference Sample 4a	MF9w
5b	2 nd floor – office – west side – under white floor tile – mastic	Negative	N/A	MF9w
6a	2nd floor – office – east side – 9” white floor tile	Positive 4% Chrysotile	Reference Sample 4a	MF9w
6b	2 nd floor – office – east side – under white floor tile – mastic	Negative	N/A	MF9w
7	1 st floor – stair – south wall – plaster	Negative	N/A	SP1
8	2 nd floor – stair – south wall – plaster	Negative	N/A	SP1
9	3 rd floor – stair – west wall – plaster	Negative	N/A	SP1
10	1 st floor – stair – south wall – plaster patch	Negative	N/A	SP1P
11a	1 st floor – office – north wall – 4” gray vinyl wallbase	Negative	N/A	MV4y
11b	1 st floor – office – north wall – under gray vinyl wallbase – mastic	Negative	N/A	MV4y
12a	1 st floor – office – west wall – 4” gray vinyl wallbase	Negative	N/A	MV4y
12b	1 st floor – office – west wall – under gray vinyl wallbase – mastic	Negative	N/A	MV4y
13a	1 st floor – office – east wall – 4” gray vinyl wallbase	Negative	N/A	MV4y
13b	1 st floor – office – east wall – under gray vinyl wallbase – mastic	Negative	N/A	MV4y

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14	3 rd floor – main room – south wall – texture	Negative	N/A	STX
15	2 nd floor – industrial room – west wall – texture	Negative	N/A	STX
16	1 st floor – west area – east wall – texture	Negative	N/A	STX
17	1 st floor – bathroom – 2' x 4' grooved ceiling tile	Negative	N/A	MSCT24G
18a	1 st floor – east area storage – south wall – joint compound	Trace <1% Chrysotile	N/A	MDW
18b	1 st floor – east area storage – south wall – drywall	Negative	N/A	MDW
18	COMPOSITE POINT COUNT RESULT	Trace <0.25% Chrysotile	N/A	MDW
19a	1 st floor – east area storage – east wall – joint compound	Positive 2% Chrysotile	N/A	MDW
19b	1 st floor – east area storage – east wall – joint compound layer 2	Positive 3% Chrysotile	N/A	MDW
19c	1 st floor – east area storage – east wall – drywall	Negative	N/A	MDW
19	COMPOSITE POINT COUNT RESULT	Trace 0.75% Chrysotile	N/A	MDW
20	2 nd floor – office area – west wall – drywall	Negative	N/A	MDW
21	1 st floor – east office – east side – 2' x 4' smooth ceiling tile	Negative	N/A	MSCT24S
22	1 st floor – east office – west side – 2' x 4' smooth ceiling tile	Negative	N/A	MSCT24S
23	1 st floor – east office – center – 2' x 4' smooth ceiling tile	Negative	N/A	MSCT24S
24	2 nd floor – office – west side – 2' x 4' fissured ceiling tile	Negative	N/A	MSCT24F
25	2 nd floor – office – east side – 2' x 4' fissured ceiling tile	Negative	N/A	MSCT24F
26	2 nd floor – office – east side – 2' x 4' fissured ceiling tile	Negative	N/A	MSCT24F
27a	2 nd floor – office – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	N/A	MSCT11
27b	2nd floor – office – under 1' x 1' ceiling tile – mastic	Positive 5% Chrysotile	820 Sq. Ft.	MSCT11
28a	2 nd floor – office – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	N/A	MSCT11
28b	2nd floor – office – under 1' x 1' ceiling tile – mastic	Positive 5% Chrysotile	Reference Sample 27a	MSCT11
29a	2 nd floor – near stair – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	N/A	MSCT11
29b	2nd floor – near stair – under 1' x 1' ceiling tile – mastic	Positive 5% Chrysotile	Reference Sample 27a	MSCT11
30	1 st floor – stair – tan stair tread	Negative	N/A	MSTt
31	2 nd floor – stair – tan stair tread	Negative	N/A	MSTt
32	2 nd floor – stair – tan stair tread	Negative	N/A	MSTt
33a	1 st floor – east area bathroom – west wall – tan ceramic tile	Negative	N/A	MCTMt
33b	1 st floor – east area bathroom – west wall – grout	Negative	N/A	MCTMt
34a	2 nd floor – office bathroom – south wall – tan ceramic tile	Negative	N/A	MCTMt

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
34b	2 nd floor – office bathroom – south wall – under ceramic tile – mastic	Negative	N/A	MCTMt
35a	2 nd floor – industrial area – east wall – tan ceramic tile	Negative	N/A	MCTMt
35b	2 nd floor – industrial area – east wall – under ceramic tile – mastic	Negative	N/A	MCTMt
36	2 nd floor – office bathroom – floor – beige ceramic tile	Negative	N/A	MCTMe
36	2nd floor – office bathroom – floor – under ceramic tile – mastic	Positive 12% Chrysotile	80 Sq. Ft.	MCTMe
37a	2 nd floor – office – east wall – 4” tan vinyl wallbase	Negative	N/A	MV4t
37b	2 nd floor – office – east wall – under wallbase – mastic	Negative	N/A	MV4t
38a	2 nd floor – hall – west wall – 4” tan vinyl wallbase	Negative	N/A	MV4t
38b	2 nd floor – hall – west wall – under wallbase – mastic	Negative	N/A	MV4t
39a	2 nd floor – hall – north wall – 4” tan vinyl wallbase	Negative	N/A	MV4t
39b	2 nd floor – hall – north wall – under wallbase – mastic	Negative	N/A	MV4t
40a	3rd floor – northwest room open area – 9” black and red floor tile	Positive 4% Chrysotile	1,700 Sq. Ft.	MF9kr
40b	3rd floor – northwest room open area – under black and red floor tile – black mastic	Positive 3% Chrysotile	1,700 Sq. Ft.	MF9kr
41a	3rd floor – northwest room open area – 9” black and red floor tile	Positive 4% Chrysotile	Reference Sample 40a	MF9kr
41b	3rd floor – northwest room open area – under black and red floor tile – black mastic	Positive 2% Chrysotile	Reference Sample 40b	MF9kr
42a	3rd floor – northwest room office area – 9” black and red floor tile	Positive 4% Chrysotile	Reference Sample 40a	MF9kr
42b	3rd floor – northwest room office area – under black and red floor tile – black mastic	Positive 2% Chrysotile	Reference Sample 40b	MF9kr
43	Exterior – west wall – stucco	Negative	N/A	STC
44	Exterior – north wall – stucco	Negative	N/A	STC
45	Exterior – south wall – stucco	Negative	N/A	STC
46	Exterior – around north side metal door – gray caulk	Positive 5% Chrysotile	1 Door	MCLKy
47	Exterior – north side on pipe near ground – black tar	Negative	N/A	Mtar

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

Assumed asbestos containing transite chimney, approximately 15 feet high, 18 inch diameter – visible but unsafe to access.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Built up Roofing & Flashing	10,000 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
STC	Stucco
MF12y	12" Gray Floor Tile
MF9w	9" White Floor Tile
MF9kr	9" Black & Red Floor Tile
MV4y	4" Gray Vinyl Wallbase
MV4t	4" Tan Vinyl Wallbase
MSCT24G	2' x 4' Grooved Ceiling Tile
MSCT24S	2' x 4' Smooth Ceiling Tile
MSCT24F	2' x 4' Fissured Ceiling Tile
MSCT11	1' x 1' Ceiling Tile
MSTt	Tan Stair Tread
MCTMt	Tan Ceramic Tile
MCTMe	Beige Ceramic Tile
MDW	Drywall/Joint Compound
MCLKy	Gray Caulk
Mtar	Tar

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 basement or attic. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

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

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>2</u>	Old Thermostats – 1 st Floor Bathroom, 2 nd Floor Office
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

<u>N/A</u>	Hazardous Waste
<u>N/A</u>	Oil Tanks
<u>N/A</u>	Well Abandonment
<u>2</u>	Junk Auto Tires – m1st Floor East Room
<u>N/A</u>	Junk Vehicles

VIII. LABORATORY RESULTS



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
001a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
002	2	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
002a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
003	3	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
003a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
004	4	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3

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

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



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Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
005	5	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
005a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
006	6	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
006a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
007	7	Homogeneous	White Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
009	9	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
010	10	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
011	11	Layered	Gray Cove Base	Asbestos Not Present	NA	CaCO3 Binder
011a		Layered	Tan Cove Base Mastic	Asbestos Not Present	NA	Glue
012	12	Layered	Gray Cove Base	Asbestos Not Present	NA	CaCO3 Binder

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012a		Layered	Tan Cove Base Mastic	Asbestos Not Present	NA	Glue
013	13	Layered	Gray Cove Base	Asbestos Not Present	NA	CaCO3 Binder
013a		Layered	Tan Cove Base Mastic	Asbestos Not Present	NA	Glue
014	14	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
015	15	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
016	16	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
018	18	Layered	White Joint Compound	Asbestos Present Chrysotile <1	NA	CaCO3
018a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
019	19	Layered	Gray Texture	Asbestos Present Chrysotile 2	NA	CaCO3
019a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
019b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
020	20	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Vinyl

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Vinyl
022	22	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
023	23	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Vinyl
024	24	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
025	25	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
026	26	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite

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

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	27	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
027a		Layered	Brown Mastic	Asbestos Present Chrysotile 5	NA	Glue
028	28	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
028a		Layered	Brown Mastic	Asbestos Present Chrysotile 5	NA	Glue
029	29	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
029a		Layered	Brown Mastic	Asbestos Present Chrysotile 5	NA	Glue
030	30	Homogeneous	Beige Stair Tread	Asbestos Not Present	NA	CaCO3 Vinyl

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. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Homogeneous	Beige Stair Tread	Asbestos Not Present	NA	CaCO3 Vinyl
032	32	Homogeneous	Beige Stair Tread	Asbestos Not Present	NA	CaCO3 Vinyl
033	33	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
033a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
034	34	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
034a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
035a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
036	36	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
036a		Layered	Gray Mastic	Asbestos Present Chrysotile 12	NA	Glue
037	37	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Binder
037a		Layered	Brown Cove Base Mastic	Asbestos Not Present	Talc 3	Glue
038	38	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Binder

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038a		Layered	Brown Mastic	Asbestos Not Present	Talc 3	Glue
039	39	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Binder
039a		Layered	Brown Cove Base Mastic	Asbestos Not Present	Talc 3	Glue
040	40	Layered	Brown Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
040a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
041	41	Layered	Brown Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245480	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/13/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/13/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
041a		Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
042	42	Layered	Brown Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
042a		Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
043	43	Homogeneous	Gray Paint	Asbestos Not Present	NA	Paint
044	44	Homogeneous	Gray Paint	Asbestos Not Present	NA	Paint
045	45	Homogeneous	Gray Paint	Asbestos Not Present	NA	Paint

Gayle Ooten, Analyst

1/13/2015

Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information Company: Harenda Management Group Contact: Dean Jacobsen Account #: B929 Phone: (414) 383-4800 Cell Phone: E-mail: djacobsen@harenda.com Date:		Project Information Project Name: DNS Project Location: Milwaukee, WI Project ID: 14-200-042.3456 P.O. Number:	
SAMPLED BY: Name: <i>[Signature]</i>		Report Results <input checked="" type="checkbox"/> one box <input type="checkbox"/> Quantem Website <input type="checkbox"/> Other email	

REINQUISHED BY <i>[Signature]</i>	DATE & TIME 1/12/15 1:00	VIA FedEx	RECEIVED BY Judy Rowan	DATE & TIME 1/13/15 10:15
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REQUESTED SERVICES (Please the Appropriate Boxes)

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

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



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For Lab Use Only
Lab No. <u>245480</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information				Project Name: DNS	Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input checked="" type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input type="checkbox"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input type="checkbox"/>				
26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				
28	28	<input type="checkbox"/>				
29	29	<input type="checkbox"/>				
30	30	<input checked="" type="checkbox"/>				



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For Lab Use Only
 Lab No. 245480
 Accept Reject

Project Information						
Company: Harenda Management Group			Project Name: DNS		Project Location: Milwaukee, WI	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
34	34	<input type="checkbox"/>				
35	35	<input type="checkbox"/>				
36	36	<input type="checkbox"/>				
37	37	<input type="checkbox"/>				
38	38	<input type="checkbox"/>				
39	39	<input type="checkbox"/>				
40	40	<input type="checkbox"/>				
41	41	<input type="checkbox"/>				
42	42	<input type="checkbox"/>				
43	43	<input type="checkbox"/>				
44	44	<input type="checkbox"/>				
45	45	<input checked="" type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245696	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/20/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/20/2015	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Miswaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	46	Homogeneous	Gray Caulk	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
002	47	Homogeneous	Black Mastic	Asbestos Not Present	NA	Tar Binder

Gayle Ooten, Analyst

1/20/2015

Date of Report

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

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For Lab Use Only

Lab No. 245696

Accept Reject

Report Results (one box)

Quantem Website

Other_email _____

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 14-200-042.3456	
SAMPLED BY: _____	Name:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean John</i>	1/19/15 1700	FedEx	<i>Judy Baura</i>	1/20/15 9:45

REQUESTED SERVICES (Please the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	46	<input checked="" type="checkbox"/>				
2	47	<input checked="" type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 245577	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 01/15/2015	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 01/16/2015	Project: DNS (400 PT CT for 245480)
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3456

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	18	Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	19	Composite	Gray/White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.75 400 Point Count	NA	

Revised 1/16/2015

Gayle Ooten, Analyst

1/16/2015

Date of Report

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

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



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LABORATORIES
 www.QuanTEM.com

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 Lab No. 245577
 Accept Reject

Report Results (one box)
 QuanTEM Website
 Other email _____

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 14-200-042-3456	
SAMPLED BY: Name:	Date:	PO Number:	

RELINQUISHED BY: <u>Dean Jacobsen</u>	DATE & TIME: <u>1/15/15 11:35</u>	VIA: <u>Email</u>	RECEIVED BY: <u>Judy Rowan</u>	DATE & TIME: <u>1/15/15 11:34</u>
---------------------------------------	-----------------------------------	-------------------	--------------------------------	-----------------------------------

REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM		TEM	TURNAROUND TIME
		Air- AHERA	Air- NIOSH 7402		
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1000 Point Count	PCM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Same Day
<input type="checkbox"/> Gravimetric Preparation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	18	<input checked="" type="checkbox"/>				Composite Point Count
2	19	<input checked="" type="checkbox"/>				Quantem Lab #: 245577
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

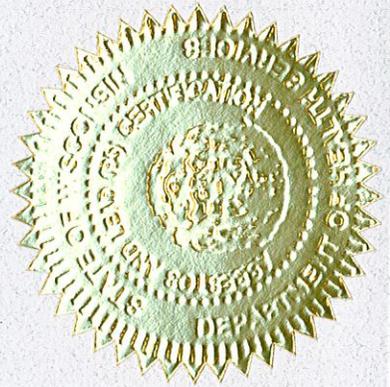
Asbestos Company - Primary

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

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



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor





ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

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

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

Training due by: 03/19/2015

COPY