



ASBESTOS INSPECTION REPORT

Job Site:

**One Family Dwelling
2913 North 27th 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.: 16-400-014.2913
Contract No.: 360-16-0745**

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

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

July 2016

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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 suspect asbestos containing materials in the dwelling at 2913 North 27th Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco, texture, asphalt shingle siding, paper insulation, caulk, ceramic tile, linoleum, window glazing compound, drywall/joint compound, joint compound patch, duct paper, flue packing, asphalt roofing, floor tile, and mastics to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M 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 inspection and to analyze samples collected during the inspection.

On July 22, 2016, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 2913 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of three elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected 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. Bold values below indicate that the material contains more than 1% asbestos. 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, asphalt shingle siding, paper insulation, caulk, ceramic tile, linoleum, window glazing compound, drywall/joint compound, joint compound patch, duct paper, flue packing, asphalt roofing, floor tile and mastics . These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
2	Exterior – south wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
3	Exterior – west wall under vinyl siding – gray asphalt shingle siding	Negative	MSSy
4	Exterior – in east wall – blown in insulation	Negative	MBI
5	Exterior – in west wall – blown in insulation	Negative	MBI
6	1 st floor – kitchen – in east wall – blown in insulation	Negative	MBI
7	Exterior – east wall – under wood siding – paper insulation	Negative	MPI
8	Exterior – south wall – under wood siding – paper insulation	Negative	MPI
9	Exterior – west wall – under wood siding – paper insulation	Negative	MPI
10	Basement – on exterior south wall – stucco	Negative	STC
11	Exterior – around south window – gray caulk	Negative	MCLKy
12	Exterior – around north window – gray caulk	Negative	MCLKy
13	Exterior – around west window – gray caulk	Negative	MCLKy
14a	1 st floor – front entry – south wall – plaster skim coat	Negative	SPI
14b	1 st floor – front entry – south wall – plaster base coat	Negative	SPI
15a	1 st floor – living room – north wall – plaster skim coat	Negative	SPI
15b	1 st floor – living room – north wall – plaster base coat	Negative	SPI
16a	1 st floor – pantry – west wall – plaster skim coat	Negative	SPI
16b	1 st floor – pantry – west wall – plaster base coat	Negative	SPI
17a	2 nd floor – bathroom – south wall – plaster skim coat	Negative	SPI
17b	2 nd floor – bathroom – south wall – plaster base coat	Negative	SPI
18a	2 nd floor – west bedroom – east wall – plaster skim coat	Negative	SPI
18b	2 nd floor – west bedroom – east wall – plaster base coat	Negative	SPI
19	1 st floor – foyer – on north wall – texture	Negative	STX
20	1 st floor – living room – on ceiling – texture	Negative	STX
21	1 st floor – bedroom – on ceiling – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
22	2 nd floor – hall – on north wall – texture	Negative	STX
23	2 nd floor – west bedroom – on east wall – texture	Negative	STX
24a	1 st floor – foyer – at fireplace – brown and green ceramic tile	Negative	MCTMng
24b	1 st floor – foyer – at fireplace – under brown and green ceramic tile – mortar	Negative	MCTMng
25a	1 st floor – bathroom – tan and brown linoleum	Negative	MFLtn
25b	1 st floor – bathroom – under tan and brown linoleum – yellow mastic	Negative	MFLtn
26	1 st floor – kitchen – under plywood – tan linoleum	Negative	MFLt
27	1 st floor – pantry – on counter – brown linoleum	Negative	MFLn
28	1 st floor – pantry – under plywood – gray linoleum	Negative	MFLy
29	1 st floor – bedroom – on south window – glazing compound	Negative	MPG
30	2 nd floor – west bedroom – on west window – glazing compound	Negative	MPG
31	Basement – on north window – glazing compound	Negative	MPG
32	1 st floor – bedroom – east wall – drywall	Negative	MDW
33a	2 nd floor – hall – south wall – joint compound	Negative	MDW
33b	2 nd floor – hall – south wall – drywall	Negative	MDW
34	2 nd floor – east bedroom – east wall – drywall	Negative	MDW
35a	2 nd floor – bathroom – tan and gray linoleum	Negative	MFLty
35b	2 nd floor – bathroom – under tan and gray linoleum – brown mastic	Negative	MFLty
36a	2 nd floor – bathroom – on wall at tub – white ceramic tile	Negative	MCTMw
36b	2 nd floor – bathroom – on wall at tub – grout	Negative	MCTMw
36c	2 nd floor – bathroom – on wall at tub – under white ceramic tile – tan mastic	Negative	MCTMw
36d	2 nd floor – bathroom – on wall at tub – joint compound	Negative	MCTMw
37	Attic – stair – on east wall – joint compound patch	Negative	MJC
38	Attic – east room – east wall – drywall #2	Negative	MDW2
39	Attic – east room – south wall – drywall #2	Negative	MDW2
40	Attic – east room – north wall – drywall #2	Negative	MDW2
41	Attic – on exterior wall – green asphalt shingle siding	Negative	MSSg
42	Attic – exterior – around windows – black caulk	Positive 20% Chrysotile	MCLKk
43	Basement – on chimney – flue packing	Positive 5% Chrysotile	TFP
44	Basement – on west boot – duct paper	Positive 60% Chrysotile	TDW
45	Basement – on furnace duct – gray caulk #2	Negative	MCLKy2

The following materials sampled were found to contain more than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity
Black Caulk	MCLKk	Exterior Around 1 st & 2 nd Floor Windows & Doors on Asphalt Siding	21 Windows & 3 Doors
Flue packing	TFP	Basement on Chimney	2 Sq. Ft.
Duct Paper	TDW	Basement on Boots	4 Sq. Ft.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	700 Sq. Ft.
1 st	Front Entry/Kitchen/Stair	Floor Tile & Mastic	300 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
STC	Stucco
MSSy	Gray Asphalt Shingle Siding
MSSg	Green Asphalt Shingle Siding
MBI	Blown In Insulation
MPI	Paper Insulation
MCLKy	Gray Caulk
MCLKy2	Gray Caulk #2
MCLKk	Black Caulk
MCTMng	Brown & Green Ceramic Tile
MCTMw	White Ceramic Tile
MFLtn	Tan & Brown Linoleum
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MFLy	Gray Linoleum
MFLty	Tan & Gray Linoleum
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MDW2	Drywall #2
MJC	Joint Compound Patch
TDW	Duct Wrap
TFP	Flue Packing

Note#1: The duct paper and flue packing are friable materials and must be abated prior to demolition.

The black caulk is a category II non-friable material and it is likely that this material will become crumbled, pulverized or reduced to powder during demolition. Abatement of the caulk is recommended.

Asphalt roofing and floor tile/mastic are category I non friable materials and may remain on the building if the demolition debris will be disposed at a Wisconsin licensed landfill.

Note#2: 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#3: If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

Note#4: A copy of this report should be transmitted to the demolition contractor.

Note#5: Additional duct paper may be within walls and ceilings.

V. EXCLUSIONS

Roof visible only from ground. Areas within walls and ceilings were not accessible. 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>5</u>	Fluorescent Lights – 1 st Floor Bedroom, 2 nd Floor Bathroom & Bedrooms
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>1</u>	Old Thermostats – Foyer
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

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

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

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

VIII. LABORATORY RESULTS



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 267049	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 07/22/2016	1237 West Bruce St.
Received By: Rachel Brooks	Milwaukee, WI 53204
Date Analyzed: 07/28/2016	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 16-400-014.2913

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Multi-Color Siding	Asbestos Not Present	Cellulose 60	Tar Sand
002	2	Homogeneous	Multi-Color Siding	Asbestos Not Present	Cellulose 60	Tar Sand
003	3	Homogeneous	Multi-Color Siding	Asbestos Not Present	Cellulose 60	Tar Sand
004	4	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	

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

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Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 16-400-014.2913

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 Plaster	Asbestos Not Present	NA	CaCO3 Sand
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
012	12	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder
013	13	Homogeneous	Gray Caulk	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
014	14	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
014a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand Gypsum
015	15	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
015a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand Gypsum
016	16	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
016a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
017a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand Gypsum
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
018a		Layered	Gray Plaster	Asbestos Not Present	Hair	2 CaCO3 Sand Gypsum
019	19	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
020	20	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
021	21	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	23	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
024	24	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
024a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
025	25	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
025a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
027	27	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
028	28	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
029	29	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
030	30	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
031	31	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
032	32	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	33	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
033a		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	15 5 Gypsum
034	34	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	15 5 Gypsum
035	35	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl
035a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
036	36	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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Methodology: EPA/600/R-93/116	Project Number: 16-400-014.2913

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
036b		Layered	White Mortar	Asbestos Not Present	NA	CaCO3
036c		Layered	Tan Adhesive	Asbestos Not Present	NA	CaCO3 Binder
036d		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3 Sand
037	37	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
038	38	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
039	39	Homogeneous	White Wallboard	Asbestos Not Present	Cellulose 25	Gypsum

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

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



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Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 267049	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 07/22/2016	1237 West Bruce St.
Received By: Rachel Brooks	Milwaukee, WI 53204
Date Analyzed: 07/28/2016	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 16-400-014.2913

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	40	Homogeneous	White Wallboard	Asbestos Not Present	Cellulose 25	Gypsum
041	41	Homogeneous	Multi-Color Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
042	42	Homogeneous	Black Tar	Asbestos Present Chrysotile 20	NA	Tar
043	43	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 5	NA	CaCO3 Sand
044	44	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
045	45	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder

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

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
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Dee Ammerman

Dee Ammerman, Analyst

7/28/2016

Date of Report

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

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



ASBESTOS CHAIN OF CUSTODY

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

For Lab Use Only	
Lab No. <u>267049</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information		Report Results (<input checked="" type="checkbox"/> one box)
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	<input checked="" type="checkbox"/> QuantEM Website	
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	<input type="checkbox"/> Other <u>email</u>	
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 16-400-014.2913		
SAMPLED BY: Name: _____	Date: _____	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	<u>7/21/16 1700</u>	<u>FedEx</u>	<i>[Signature]</i>	<u>7/22/16 10:15</u>

REQUESTED SERVICES (Please the Appropriate Boxes)

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

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



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

For Lab Use Only	
Lab No. <u>267049</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Project Information						
Company: Harenda Management Group		Project Name: DNS		Project Location: Milwaukee, WI		
No.	Sample ID (10 Characters Max)	<input 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"/>				



ASBESTOS CHAIN OF CUSTODY

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

For Lab Use Only	
Lab No. <u>267049</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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

No.	Sample ID (10 Characters Max)	☑ 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"/>				

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 07/29/2015
Expiration Date: 08/31/2017, 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

Scott Walker
Governor

Kitty Rhoades
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

November 6, 2015

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations, your new card for Wisconsin asbestos or lead certification is enclosed. Please contact our office immediately if any of the information on the card is incorrect.

You must have this card with you whenever you are at a regulated asbestos or lead work site.

Renewing Your Certification

You may not perform regulated asbestos or lead activities after the expiration date on your card.

Asbestos Disciplines: Schedule your *annual* asbestos refresher training 30-90 days before your training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Lead Disciplines: Schedule your lead refresher training up to 12 months before the training due date and submit your renewal application online or by mail **at least one month before your current card expires.**

Submit your renewal application by mail if paying by check or money order, or online at www.dhs.wisconsin.gov/waldo if paying by VISA or MasterCard credit or debit card.

Certified Company Affiliation

You must be affiliated with an appropriately certified Asbestos, Exterior Asbestos, Lead or Lead-Safe Company by ownership, employment or contract before you may perform regulated lead or asbestos work in Wisconsin. Contact the Asbestos and Lead Section for more information.

To Update Information and Apply Online

You may make changes to your mailing address, other contact information, or your employer information by going to www.dhs.wisconsin.gov/waldo and selecting Asbestos and Lead Online Certification. You may also send changes in writing to the Asbestos and Lead Section at the address below.

Asbestos and Lead Section, Room 137
P.O. Box 2659
Madison WI 53701-2659

Phone: (608) 261-6876
Email: dhsasbestoslead@wi.gov
Internet: www.dhs.wisconsin.gov

COPY

ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Dean T Jacobsen
W131s6781 Kipling Dr
Muskego WI 53150-3401

		160 lbs	5' 08"
AII-14370	Exp: 12/01/2016	12/12/1963	Male

Training due by: 12/01/2016