



**ASBESTOS INSPECTION REPORT  
SUPPLEMENTAL**

**Job Site:**

**One Family Dwelling  
3443 North 24<sup>th</sup> Street  
Milwaukee, Wisconsin**

**For:**

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

**HMG Report No.: 14-200-042.3443S  
Contract No.: 360-14-0745**

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

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

**Prepared by:**

**HARENDA MANAGEMENT GROUP  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204**

**September 2014**

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct a supplemental inspection for asbestos containing plaster at 3443 North 24<sup>th</sup> Street, Milwaukee, Wisconsin.

The inspection included plaster 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.

During an asbestos inspection conducted in August 2014, five samples of plaster surfacing had been collected and analyzed for asbestos by polarized light microscopy (PLM). One sample, collected from the 1<sup>st</sup> floor back hall south wall, contained 2% chrysotile. The City of Milwaukee Department of Neighborhood Services has requested a supplemental inspection to isolate the location of asbestos containing plaster as permitted in the USEPA guidance "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials".

**On August 29, 2014, HMG conducted a supplemental asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3443 North 24<sup>th</sup> Street, Milwaukee, Wisconsin. This inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.**

During the initial inspection, plaster had been identified in all 1<sup>st</sup> floor rooms plus the basement and attic stairs. Samples had been collected from the 1<sup>st</sup> floor entry, living room, dining room, and back hall. The approximate quantity of plaster is 4,200 sq. ft.

During the supplemental inspection additional plaster samples were collected from each of the other rooms that have plaster. If at least one plaster sample had previously been collected from a room, no additional samples were collected during the supplemental inspection.

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 material identified as a suspect asbestos containing material (ACM) included plaster. This material was sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
25	1 <sup>st</sup> floor – back hall – west wall – plaster	Trace <1% Chrysotile	N/A	SPI
25	POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	SPI
26a	1 <sup>st</sup> floor – back hall – east wall – plaster skim coat	Negative	N/A	SPI
26b	1 <sup>st</sup> floor – back hall – east wall – plaster base coat	Trace <1% Chrysotile	N/A	SPI
26b	POINT COUNT RESULT	Trace <0.25% Chrysotile	N/A	SPI
27a	1 <sup>st</sup> floor – back hall – north wall – plaster skim coat	Negative	N/A	SPI
27b	1 <sup>st</sup> floor – back hall – north wall – plaster base coat	Negative	N/A	SPI
28a	1 <sup>st</sup> floor – back hall – ceiling – plaster skim coat	Negative	N/A	SPI
28b	1 <sup>st</sup> floor – back hall – ceiling – plaster base coat	Negative	N/A	SPI
29	1 <sup>st</sup> floor – kitchen – ceiling – plaster	Negative	N/A	SPI
30	1 <sup>st</sup> floor – pantry – south wall – plaster	Trace <1% Chrysotile	N/A	SPI
30	POINT COUNT RESULT	Trace 0.75% Chrysotile	N/A	SPI
31	1 <sup>st</sup> floor – west bedroom – north wall – plaster	Negative	N/A	SPI
32	1 <sup>st</sup> floor – hall – south wall – plaster	Positive 2% Chrysotile	N/A	SPI
32	POINT COUNT RESULT	Trace 0.75% Chrysotile	N/A	SPI
33	1 <sup>st</sup> floor – east bedroom – east wall – plaster	Negative	N/A	SPI
34	Attic – stair – north wall – plaster	Negative	N/A	SPI
35	Basement – stair – south wall – plaster	Negative	N/A	SPI
<b>36</b>	<b>1<sup>st</sup> floor – kitchen – under plywood – linoleum backing</b>	<b>Positive 60% Chrysotile</b>	<b>200 Sq. Ft.</b>	<b>MFLback</b>

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
37	1 <sup>st</sup> floor – stair – under plywood – linoleum backing	Positive 60% Chrysotile	Reference Sample 36	MFLback
38	1 <sup>st</sup> floor – pantry – under plywood – linoleum backing	Positive 60% Chrysotile	Reference Sample 36	MFLback
39	1 <sup>st</sup> floor – living room – under wood floor – tar paper #2	Negative	N/A	MPT2
40	1 <sup>st</sup> floor – dining room – under wood floor – tar paper #2	Negative	N/A	MPT2
41	1 <sup>st</sup> floor – entry – under wood floor – tar paper #2	Negative	N/A	MPT2

Plaster results from initial inspection August 2014:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14	1 <sup>st</sup> floor – entry – west wall – plaster	Negative	N/A	SPI
15a	1 <sup>st</sup> floor – living room – east wall – plaster skim coat	Negative	N/A	SPI
15b	1 <sup>st</sup> floor – living room – east wall – plaster base coat	Negative	N/A	SPI
16a	1 <sup>st</sup> floor – dining room – south wall – plaster skim coat	Negative	N/A	SPI
16b	1 <sup>st</sup> floor – dining room – south wall – plaster base coat	Negative	N/A	SPI
17	1 <sup>st</sup> floor – dining room – ceiling – plaster	Negative	N/A	SPI
18a	1 <sup>st</sup> floor – back hall – south wall – plaster skim coat	Negative	N/A	SPI
18b	1 <sup>st</sup> floor – back hall – south wall – plaster base coat	Positive 2% Chrysotile	N/A	SPI
<b>18b</b>	<b>POINT COUNT RESULT</b>	<b>Positive 2% Chrysotile</b>	<b>50 Sq. Ft.</b>	<b>SPI</b>

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

**Asbestos containing Plaster (SPI) is in the 1<sup>st</sup> floor back hall south wall.**

#### Homogeneous Material Codes

SPI                    Plaster  
MFLback            Linoleum Backing  
MPT2                Tar Paper #2

**Note#1:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#2:** A copy of this report should be transmitted to the demolition contractor.

## V. EXCLUSIONS

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 Lab 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. 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. 240408  
 Account Number: B929

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

Date Received: 09/02/2014

Received By: Judy Rowan

Date Analyzed: 09/08/2014

Analyzed By: Gayle Ooten

Methodology: EPA/600/R-93/116

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.3443

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	25	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose	2 Quartz CaCO3 Paint
002	26	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
002a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	Quartz CaCO3
003	27	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
003a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	2 Quartz CaCO3
004	28	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
004a		Layered	Tan plaster	Asbestos Not Present	NA	Quartz CaCO3

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

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



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Quantem Lab No. 240408	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/02/2014	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 09/08/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3443

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	29	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
006	30	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <1	NA	Quartz CaCO3 Paint
007	31	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
008	32	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 2	Cellulose <1	Quartz CaCO3 Paint
009	33	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
010	34	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint

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### Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 240408	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 09/02/2014	1237 West Bruce St.
Received By: Judy Rowan	Milwaukee, WI 53204
Date Analyzed: 09/08/2014	Project: DNS
Analyzed By: Gayle Ooten	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3443

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	35	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
012	36	Homogeneous	Gray Sheet Vinyl Backing	Asbestos Present Chrysotile 60	Cellulose 10	Binder
013	37	Homogeneous	Gray Sheet Vinyl Backing	Asbestos Present Chrysotile 60	Cellulose 10	Binder
014	38	Homogeneous	Gray Sheet Vinyl Backing	Asbestos Present Chrysotile 60	Cellulose 15	Binder
015	39	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
016	40	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
017	41	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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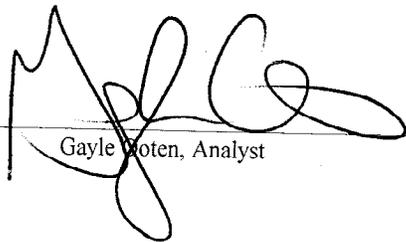


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Quantem Lab No. 240408	Client: Harenda Management Group
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Date Received: 09/02/2014	1237 West Bruce St.
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Methodology: EPA/600/R-93/116	Project Number: 14-200-042.3443

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
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Gayle Ooten, Analyst

9/8/2014  
Date of Report

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

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# ASBESTOS CHAIN OF CUSTODY

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

www.QuanTEM.com

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only  
 Lab No. 240408  
 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: 14-200-042.3443	
SAMPLED BY: _____	Name: _____	P.O. Number: _____	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	8/29/14 1700	FedEx	<i>Judy Rawn</i>	9/2/14 10:30

**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	<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day	
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day	

No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	25	<input checked="" type="checkbox"/>				
2	26	<input type="checkbox"/>				
3	27	<input type="checkbox"/>				
4	28	<input type="checkbox"/>				
5	29	<input type="checkbox"/>				
6	30	<input type="checkbox"/>				
7	31	<input type="checkbox"/>				
8	32	<input type="checkbox"/>				
9	33	<input type="checkbox"/>				
10	34	<input checked="" type="checkbox"/>				



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. 240408	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

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	35	<input checked="" type="checkbox"/>					
12	36	<input type="checkbox"/>					
13	37	<input type="checkbox"/>					
14	38	<input type="checkbox"/>					
15	39	<input type="checkbox"/>					
16	40	<input type="checkbox"/>					
17	41	<input checked="" type="checkbox"/>				Do Not Test Mastic	
18		<input type="checkbox"/>					
19		<input type="checkbox"/>					
20		<input type="checkbox"/>					
21		<input type="checkbox"/>					
22		<input type="checkbox"/>					
23		<input type="checkbox"/>					
24		<input type="checkbox"/>					
25		<input type="checkbox"/>					
26		<input type="checkbox"/>					
27		<input type="checkbox"/>					
28		<input type="checkbox"/>					
29		<input type="checkbox"/>					
30		<input type="checkbox"/>					





## VIII. 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

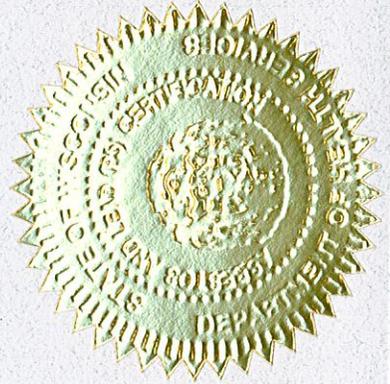
Asbestos Company - Primary

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