



**LEAD BASED PAINT
INSPECTION REPORT**

Job Site:

**Commercial Building
2228 West North Avenue
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.: 14-200-042.2228L
Contract No.: 360-14-0745**

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

Dean Jacobsen
Lead Risk Assessor # LRA 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 a preliminary survey for possible Lead Based Paint on the concrete and masonry surfaces at the following location: **2228 West North Avenue, Milwaukee, Wisconsin, commercial building**. Demolition is planned for the building. Enclosed you will find a summary of the paint testing at the above referenced location. All other areas/materials were excluded from this scope of work.

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint is present in the building, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust.

The testing took place on April 25, 2014. Samples of paint were collected from masonry surfaces (block, concrete, brick) representing all observed paint colors. Samples were analyzed at Quantem Laboratories of Oklahoma City, Oklahoma, for total lead content using USEPA Method 7000B (Reference Section II for results).

The Wisconsin Administrative Code (DHS 163) defines lead-based paint as having a surface concentration of lead that is more than 0.7 milligrams of lead per square centimeter of surface (0.7 mg/cm²) or more than 0.06% of lead per weight of a paint chip sample.

The results of the analysis was classified as follows:

- Positive:** Any result above the HFS 163 Standard of 0.06% lead.
- Negative:** Any result at or below the HFS 163 Standard of 0.06% lead.

II. COMPONENT TESTING

A. Summary

In an effort to develop a painting history of the building, masonry was tested for the presence of lead based paint.

Exterior: 2228 West North Avenue

- **Painted brick was observed on the exterior west wall. Lead based paint was detected.**

Interior: 2228 West North Avenue

Painted concrete floors, columns, and ceilings and block walls were observed on the 1st floor; and painted concrete floors, walls, and ceilings and block walls were observed in the basement. Lead based paint was detected on some of these surfaces.

Reference Test Results of Components below.

B. Test Results of Components:

Site: 2228 West North Avenue, Milwaukee, Wisconsin

Date: 4/25/14

Paint Testing Results						
Sample	Location	Component & Feature	Substrate	Color	PbC (%)	Result
1L	2226 Unit Store Area	Floor	Concrete	Gray	0.105	Positive
2L	2226 Unit Store Area	Southwest Wall	Block	Yellow	0.114	Positive
3L	2224 Unit Store Area	Floor	Concrete	Red	<0.0046	Negative
4L	2224 Unit Store Area	Northwest Wall	Block	Blue	<0.0052	Negative
5L	West Basement Stair	Wall	Block	Gray/White	<0.0049	Negative
6L	Basement	Ceiling	Concrete	White	0.0055	Negative
7L	Basement	Floor	Concrete	Gray	0.0071	Negative
8L	Basement	Wall	Block	Green/White	<0.0043	Negative
9L	Basement	Wall	Concrete	Green/White	0.0156	Negative
10L	Basement Restrooms	Floor	Concrete	Red	2.53	Positive
11L	1 st Floor	Column	Concrete	Black/White	0.156	Positive
12L	1 st Floor	Ceiling	Concrete	White/Tan	0.0729	Positive
13L	Exterior	West Wall	Brick	White	0.130	Positive

The inspection did find Lead-Based Paint on the commercial building:

- **Unit 2226 Concrete Floor & Block Wall**
- **1st Floor Concrete Ceilings & Columns**
- **Basement Restrooms Concrete Floor**
- **Exterior West Wall Brick**

All other painted masonry surfaces tested do not have Lead-Based Paint. If there are any further concerns over what to do with certain components, we can do additional testing, and/or review records for historical precedents for removal, disposal and cleanup.

Any other paint found in the building that is disturbed should be handled as lead based paint.

Lead-Based Paint components were in good to poor condition at the time of this inspection – paint was peeling on floors and ceilings.

The testing of components in the structure fulfilled the need for OSHA notification of workers.

C. Summary of OSHA Lead Based Paint Regulations

The OSHA regulation for Lead Exposure in Construction is 29 CFR 1926.62. The law states that in the presence of any measurable amount of Lead a contractor is obligated to take some actions to ensure the safety of its work-force and that of the owner.

Workers demolishing building materials containing lead based paint must be monitored for lead exposure. Monitoring for lead exposure is covered under U.S. Department of Labor Occupational Safety and Health Administration 29 CFR 1926.62 for the construction industry, which includes:

- Demolition or salvage of structures where lead or materials containing lead are present.
- Removal or encapsulation of materials containing lead.
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead.

The employer is required to initially determine if any employee may be exposed to lead at or above the action level. **The action level means employee exposure, without regard to the use of respirators, to an airborne lead concentration of 30 µg/m³ of air calculated as an 8 hour time weighted average.** The employer must collect personal samples representative of a full shift for each job classification in each work area. The samples must be representative of the monitored employee's regular daily exposure to lead. **OSHA has also set a permissible exposure limit (PEL) which is defined as a lead concentration of 50 µg/m³ of air averaged over an eight hour period.** If the initial exposure assessment has not been completed, the employer must treat the employee as if the employee were exposed above the PEL, and not in excess of ten times the PEL, for tasks including demolition of structures with lead containing coatings or paint. This includes respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring, and training.

If all concentrations are below the action level, additional air monitoring is not needed except when there has been a change in equipment, process, control, personnel, or type of task that may result in additional employees being exposed to lead at or above the action level. If exposure is between the action level and PEL, air monitoring must be done at least every six months until two consecutive readings taken at least seven days apart are below the action level. If exposure is above the PEL, air monitoring must be done quarterly until two consecutive readings taken at least seven days apart are below the PEL. Employees must be notified in writing of the results within 5 working days after completion of the air exposure assessment.

D. Summary of Wisconsin Department of Natural Resources Information

According to Wisconsin Department of Natural Resources Planning Your Demolition or Renovation Project (WA-651), building materials from remodeling or demolition debris that contain lead based paint are considered a waste, unless an exemption is obtained from the Department. Check with the Department for further guidance. Lead based paint chips or paint residue by themselves may be a hazardous waste. Additional testing by the toxicity characteristic leaching procedure (TCLP) method and comparison to hazardous waste regulations would be needed to determine this.

III. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. 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 is 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.

IV. LABORATORY RESULTS



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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 234782	Client: Harenda Management Group
Date Received: 04/28/14	Jolene Harenda
Received By: Sherric Leftwich	1237 West Bruce St.
Date Sampled:	Milwaukee, WI 53204
Time Sampled:	Acct. No.: B929
Analyst: BM	Project: DNS
Date of Report: 4/28/2014	Location: Milwaukee, WI
	Project No.: 14-200-042.2228

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	1	Paint	Lead	0.105	0.00448	%	04/28/14 13:30	P EPA 7000B (1)
002	2	Paint	Lead	0.114	0.00496	%	04/28/14 13:30	P EPA 7000B (1)
003	3	Paint	Lead	<0.00465	0.00465	%	04/28/14 13:30	P EPA 7000B (1)
004	4	Paint	Lead	<0.00527	0.00527	%	04/28/14 13:30	P EPA 7000B (1)
005	5	Paint	Lead	<0.00491	0.00491	%	04/28/14 13:30	P EPA 7000B (1)
006	6	Paint	Lead	0.00558	0.00466	%	04/28/14 13:30	P EPA 7000B (1)
007	7	Paint	Lead	0.00711	0.00437	%	04/28/14 13:30	P EPA 7000B (1)
008	8	Paint	Lead	<0.00434	0.00434	%	04/28/14 13:30	P EPA 7000B (1)
009	9	Paint	Lead	0.0156	0.00513	%	04/28/14 13:30	P EPA 7000B (1)
010	10	Paint	Lead	2.53	0.00505	%	04/28/14 13:30	P EPA 7000B (1)
011	11	Paint	Lead	0.156	0.00498	%	04/28/14 13:30	P EPA 7000B (1)
012	12	Paint	Lead	0.0729	0.0051	%	04/28/14 13:30	P EPA 7000B (1)
013	13	Paint	Lead	0.130	0.00436	%	04/28/14 13:30	P EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

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

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 234782
Date Received: 04/28/14
Received By: Sherrie Leftwich
Date Sampled:
Time Sampled:
Analyst: BM
Date of Report: 4/28/2014

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

Acct. No.: B929

Project: DNS

Location: Milwaukee, WI

Project No.: 14-200-042.2228

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
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Authorized Signature: _____

Benton Miller, Analyst

Note: Sample results have not been corrected for blank values.

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EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified



LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
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For Lab Use Only
 Lab No. 234782
 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: 14-200-042.2228	

Sampled By: _____ Name: _____ Date: _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	4/25/14 (800)	FedEx	<i>S Luftwich</i>	4/28/14 10:00

REQUESTED SERVICES (Please the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis	Units (<input checked="" type="checkbox"/> ONE box only)					Sample Matrix Codes
							PPM	mg / l	µg / ft ²	µg / m ³	mg / cm ²	
1					B	Pb	X					A
2												B
3												C
4												D
5												E
6												
7												
8												
9												
10												
11												
12												

TURNAROUND TIME

Same Day	
24 - Hour	<input checked="" type="checkbox"/>
3 - Day	
5 - Day	



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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 234782	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

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

REQUESTED SERVICES (Please check the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (length x width)	Sample Matrix (see matrix code box)	Analysis	Units (check ONE box only)					Sample Matrix Codes
							PPM	Wt %	mg / l	ug / ft ²	ug / m ³	
13	B				B	Pb <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					A Soil
14												B Paint Chips
15												C Surface / Dust Wipes
16												D Bulk Miscellaneous
17												E Air Cassette
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												



ASBESTOS INSPECTION REPORT

Job Site:

**Commercial Building
2228 West North Avenue
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.: 14-200-042.2228
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

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 building at 2228 West North Avenue, Milwaukee, Wisconsin.

The inspection included plaster, texture, drywall/joint compound, ceramic tile, floor tile, linoleum, spark arrestor, tape wrap, cloth insulation, flue packing, window glazing compound, ceiling tile, mastics, and caulk 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 25, 2014 HMG conducted an asbestos inspection of a commercial building, scheduled for mechanical demolition, located at 2228 West North Avenue, 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 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 or brick.
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, texture, drywall/joint compound, ceramic tile, floor tile, linoleum, spark arrestor, tape wrap, cloth insulation, flue packing, window glazing compound, ceiling tile, mastics, and caulk. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	2226 Unit – store area – east wall – plaster skim coat	Negative	N/A	SPI
1b	2226 Unit – store area – east wall – plaster base coat	Negative	N/A	SPI
2a	2226 Unit – bathroom – south wall – plaster skim coat	Negative	N/A	SPI
2b	2226 Unit – bathroom – south wall – plaster base coat	Negative	N/A	SPI
3a	2224 Unit – storage room – west wall – plaster skim coat	Negative	N/A	SPI
3b	2224 Unit – storage room – west wall – plaster base coat	Negative	N/A	SPI
4a	2222 Unit – store area – east wall – plaster skim coat	Negative	N/A	SPI
4b	2222 Unit – store area – east wall – plaster base coat	Negative	N/A	SPI
5a	2228 Unit – storage room – ceiling – plaster skim coat	Negative	N/A	SPI
5b	2228 Unit – storage room – ceiling – plaster base coat	Negative	N/A	SPI
5Aa	2228 Unit – store area – south wall – plaster skim coat	Negative	N/A	SPI
5Ab	2228 Unit – store area – south wall – plaster base coat	Negative	N/A	SPI
5Ba	2230 Unit – store area – north wall – plaster skim coat	Negative	N/A	SPI
5Bb	2230 Unit – store area – north wall – plaster base coat	Negative	N/A	SPI
6a	2226 Unit – store area – north wall – joint compound	Negative	N/A	MDW
6b	2226 Unit – store area – north wall – drywall	Negative	N/A	MDW
7a	2228 Unit – center storage room – north wall – joint compound	Positive 2% Chrysotile	N/A	MDW
7b	2228 Unit – center storage room – north wall – drywall	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
7	COMPOSITE POINT COUNT RESULT	Trace 0.5% Chrysotile	N/A	MDW
8a	2228 Unit – store area – west wall – joint compound	Negative	N/A	MDW
8b	2228 Unit – store area – west wall – drywall	Negative	N/A	MDW
9a	2226 Unit – bathroom floor – green and gray ceramic tile on concrete	Negative	N/A	MCTMgy
9b	2226 Unit – bathroom floor – grout	Negative	N/A	MCTMgy
9c	2226 Unit – bathroom floor – under ceramic tile on concrete – black mastic	Positive 10% Chrysotile	90 Sq. Ft.	MCTMgy
10a	2226 Unit – bathroom wallbase – black ceramic tile	Negative	N/A	MCTMgy
10b	2226 Unit – bathroom wallbase – grout	Negative	N/A	MCTMgy
11a	2224 Unit – storage room – 9” gray floor tile on concrete	Positive 15% Chrysotile	45 Sq. Ft.	MF9y
11b	2224 Unit – storage room – under floor tile – mastic	Positive 6% Chrysotile	45 Sq. Ft.	MF9y
12a	Basement – west stair landing – 9” red floor tile on concrete	Positive 10% Chrysotile	70 Sq. Ft.	MF9r
12b	Basement – west stair landing – under floor tile – mastic	Positive 4% Chrysotile	70 Sq. Ft.	MF9r
13a	2222 Unit – store area – east side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
13b	2222 Unit – store area – east side under linoleum on concrete - mastic	Positive 3% Chrysotile	180 Sq. Ft.	MFLwb
14a	2222 Unit – storage room – east side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
14b	2222 Unit – storage room – east side under carpet – white and blue linoleum on concrete	Positive 3% Chrysotile	Reference Sample 13b	MFLwb
15a	2222 Unit – storage room – west side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
15b	2222 Unit – storage room – west side under carpet – white and blue linoleum on concrete	Positive 3% Chrysotile	Reference Sample 13b	MFLwb
16	2222 Unit – store area – west side under carpet on concrete – mastic	Positive 4% Chrysotile	240 Sq. Ft.	MCM
17	Basement – utility room near west stair – in fuse boxes – spark arrestor	Negative	N/A	MSA
18a	Basement – in room north of west stair – west side – 9” tan floor tile on concrete	Positive 8% Chrysotile	320 Sq. Ft.	MF9t
18b	Basement – in room north of west stair – west side – under floor tile on concrete – mastic	Positive 3% Chrysotile	320 Sq. Ft.	MF9t
19a	Basement – in room north of west stair – center – 9” tan floor tile on concrete	Positive 8% Chrysotile	Reference Sample 18a	MF9t
19b	Basement – in room north of west stair – center – 9” tan floor tile on concrete	Negative	N/A	MF9t
20a	Basement – in room north of west stair – east side – 9” tan floor tile on concrete	Positive 8% Chrysotile	Reference Sample 18a	MF9t
20b	Basement – in room north of west stair – east side – 9” tan floor tile on concrete	Negative	N/A	MF9t
21	Basement – in room north of west stair – near west wall on pipe – black tape wrap	Positive 20% Chrysotile	3 Ln. Ft.	TTW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
22	Basement – in room north of west stair – near center pipe – cloth insulation	Negative	N/A	MCI
23	Basement – utility room near east stair – on chimney – flue packing	Positive 6% Chrysotile	1 Sq. Ft.	TFP
24a	Basement – northeast locker room – west side – 12” gray floor tile	Positive 20% Chrysotile	220 Sq. Ft.	MF12y
24b	Basement – northeast locker room – west side – under floor tile – mastic	Positive 4% Chrysotile	220 Sq. Ft.	MF12y
25a	Basement – northeast locker room – center – 12” gray floor tile	Positive 20% Chrysotile	Reference Sample 24a	MF12y
25b	Basement – northeast locker room – center – 12” gray floor tile	Positive 5% Chrysotile	Reference Sample 24a	MF12y
26a	Basement – northeast locker room – east side – 12” gray floor tile	Positive 25% Chrysotile	Reference Sample 25a	MF12y
26b	Basement – northeast locker room – east side – 12” gray floor tile	Positive 4% Chrysotile	Reference Sample 25a	MF12y
27a	Basement – northeast locker room – on wall – green ceramic tile	Negative	N/A	MCTMg
27b	Basement – northeast locker room – on wall – grout/mortar	Negative	N/A	MCTMg
28a	Basement – restroom – on wall – yellow ceramic tile	Negative	N/A	MCTMI
28b	Basement – restroom – on wall – grout/mortar	Negative	N/A	MCTMI
29	Basement – east stair – south wall – texture	Negative	N/A	STX
30	Basement – east stair – north wall – texture	Negative	N/A	STX
31	1 st floor – east stair – east wall – texture	Negative	N/A	STX
32a	2228/2230 Units – east storage room – north side – 12” green and black floor tile on concrete	Positive 25% Chrysotile	1,300 Sq. Ft.	MF12gk
32b	2228/2230 Units – east storage room – north side – under floor tile on concrete – mastic	Positive 3% Chrysotile	1,300 Sq. Ft.	MF12gk
33a	2228/2230 Units – east storage room – center – 12” green and black floor tile on concrete	Positive 15% Chrysotile	Reference Sample 32a	MF12gk
33b	2228/2230 Units – east storage room – center – under floor tile on concrete – mastic	Positive 5% Chrysotile	Reference Sample 32a	MF12gk
34a	2228/2230 Units – east storage room – east side – 12” green and black floor tile on concrete	Positive 20% Chrysotile	Reference Sample 32a	MF12gk
34b	2228/2230 Units – east storage room – east side – under floor tile on concrete – mastic	Positive 5% Chrysotile	Reference Sample 32a	MF12gk
35	2228/2230 Units – storage room – east window – glazing compound	Negative	N/A	MPG
36a	2228 Unit – store area – northwest under carpet – 12” tan and brown floor tile on concrete	Positive 7% Chrysotile	170 Sq. Ft.	MF12tn
36b	2228 Unit – store area – northwest under floor tile on concrete – mastic	Positive 8% Chrysotile	170 Sq. Ft.	MF12tn
37a	2228 Unit – store area – southwest under carpet – 12” gray and green floor tile on concrete	Positive 20% Chrysotile	2,300 Sq. Ft.	MF12yg
37b	2228 Unit – store area – southwest under floor tile on concrete – mastic	Positive 5% Chrysotile	2,300 Sq. Ft.	MF12yg

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
38a	2228 Unit – store area – south offices under carpet – 12” gray and green floor tile on concrete	Positive 20% Chrysotile	Reference Sample 37a	MF12yg
38b	2228 Unit – store area – south offices under floor tile on concrete – mastic	Positive 5% Chrysotile	Reference Sample 37a	MF12yg
39a	2228 Unit – store area – center storage area under carpet – carpet mastic	Positive 3% Chrysotile	800 Sq. Ft.	MF12yg
39a	2228 Unit – store area – center storage area under carpet mastic – 12” gray and green floor tile on concrete	Positive 25% Chrysotile	Reference Sample 37a	MF12yg
39b	2228 Unit – store area – center storage area under floor tile on concrete – mastic	Positive 7% Chrysotile	Reference Sample 37a	MF12yg
40	2228 Unit – store area – south offices – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
41	2228 Unit – store area – south offices – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
42	2228 Unit – store area – south offices – 2’ x 4’ ceiling tile	Negative	N/A	MSCT24
43a	2230 Unit – west side top layer – 12” tan floor tile	Positive 5% Chrysotile	1,700 Sq. Ft.	MF12t
43b	2230 Unit – west side top layer – under tan floor tile – mastic	Positive 8% Chrysotile	1,700 Sq. Ft.	MF12t
43c	2230 Unit – west side bottom layer – 12” green floor tile on concrete	Positive 15% Chrysotile	1,700 Sq. Ft.	MF12g
43d	2230 Unit – west side bottom layer – under green floor tile on concrete – mastic	Positive 3% Chrysotile	1,700 Sq. Ft.	MF12g
44a	2230 Unit – center top layer – 12” tan floor tile	Positive 6% Chrysotile	Reference Sample 43a	MF12t
44b	2230 Unit – center top layer – under tan floor tile – mastic	Positive 7% Chrysotile	Reference Sample 43b	MF12t
44c	2230 Unit – center bottom layer – 12” green floor tile on concrete	Positive 20% Chrysotile	Reference Sample 43c	MF12g
44d	2230 Unit – center bottom layer – under green floor tile on concrete – mastic	Positive 5% Chrysotile	Reference Sample 43d	MF12g
45a	2230 Unit – east side top layer – 12” tan floor tile	Positive 6% Chrysotile	Reference Sample 43a	MF12t
45b	2230 Unit – east side top layer – under tan floor tile – mastic	Positive 8% Chrysotile	Reference Sample 43b	MF12t
45c	2230 Unit – east side bottom layer – 12” green floor tile on concrete	Positive 20% Chrysotile	Reference Sample 43c	MF12g
45d	2230 Unit – east side bottom layer – under green floor tile on concrete – mastic	Positive 5% Chrysotile	Reference Sample 43d	MF12g
46a	2230 Unit – west side on wall – blue ceramic tile	Negative	N/A	MCTMb
46b	2230 Unit – west side on wall – grout	Negative	N/A	MCTMb
46c	2230 Unit – west side on wall – under ceramic tile – mastic	Negative	N/A	MCTMb
47	Exterior – around doors and windows – caulk	Negative	N/A	MCLK
48a	Exterior – at store entries – red ceramic tile	Negative	N/A	MCTMr
48b	Exterior – at store entries – grout/mortar	Negative	N/A	MCTMr

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

Summary of Asbestos Containing Materials

Material	Homogeneous Code	Location	Approx. Quantity
Black Mastic Under Ceramic Floor Tile	MCTMgy	2222, 2224, 2226 Restroom Floors	90 Sq. Ft.
9" Gray Floor Tile & Mastic	MF9y	2224 Unit Storage Room	45 Sq. Ft.
Mastic Under White & Blue Linoleum	MFLwb	2222 Unit Store Area & Storage Room	180 Sq. Ft.
Black Carpet Mastic	MCM	2222 Unit Store Area	240 Sq. Ft.
9" Red Floor Tile & Mastic	MF9r	West Basement Stair Landing	70 Sq. Ft.
9" Tan Floor Tile & Mastic	MF9t	Basement-Room North of West Stair	320 Sq. Ft.
Black Tape Wrap	TTW	Basement-Room North of West Stair	3 Ln. Ft.
Flue Packing	TFP	Basement Boiler Room	1 Sq. Ft.
12" Gray Floor Tile & Mastic	MF12y	Basement Northeast Locker Room	220 Sq. Ft.
12" Green & Black Floor Tile & Mastic	MF12gk	2228/2230 East Storage Room	1,300 Sq. Ft.
12" Tan & Brown Floor Tile & Mastic	MF12tn	2228 Unit Store Area Northwest	170 Sq. Ft.
12" Gray & Green Floor Tile & Mastic	MF12yg	2228 Unit Store Area & Center Storage Room	2,300 Sq. Ft.
Mastic Under Carpet	MF12yg	2228 Unit Center Storage Room	800 Sq. Ft.
12" Tan Floor Tile & Mastic	MF12t	2230 Unit Store Area Top Layer	1,700 Sq. Ft.
12" Green Floor Tile & Mastic	MF12g	2230 Unit Store Area Bottom Layer	1,700 Sq. Ft.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Built up Roofing & Flashing	9,900 Sq. Ft.

Homogeneous Material Codes

SPI	Plaster
STX	Texture
MDW	Drywall/Joint Compound
MCTMgy	Green & Gray Ceramic Tile
MCTMk	Black Ceramic Tile
MCTMg	Green Ceramic Tile
MCTMI	Yellow Ceramic Tile
MCTMb	Blue Ceramic Tile
MCTMr	Red Ceramic Tile
MF9y	9" Gray Floor Tile
MF9r	9" Red Floor Tile
MF9t	9" Tan Floor Tile
MF12y	12" Gray Floor Tile
MF12gk	12" Green & Black Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12yg	12" Gray & Green Floor Tile
MF12t	12" Tan Floor Tile
MF12g	12" Green Floor Tile
MFLwb	White & Blue Linoleum

Homogeneous Material Codes

MCM	Carpet Mastic
MCI	Cloth Insulation
MPG	Glazing Compound
MSCT24	2' x 4' Ceiling Tile
MCLK	Caulk
TTW	Black Tape Wrap
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: Floor tile and mastic were in good (non-friable) condition at time of inspection.

V. EXCLUSIONS

Basement floor covered with debris. 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:

<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>1</u>	Fire Extinguishers (both portable and installed HALON suppression systems) – Basement West Side
<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>90</u>	Fluorescent Lights – 1 st Floor, Basement
<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>5</u>	Old Thermostats – 2222 Unit, 2226-2230 Units
<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 Boiler & 1 Water Heater 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>3</u>	Space Heaters – 2228 & 2230 Units

**ELECTRICAL SYSTEMS – 4 Breaker Boxes in 2222, 2224, 2228, & 2230 Units. 1
Electric Meter & 1 Breaker Box Basement West Side.**

<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>46</u>	Light Ballasts – 1 st Floor, Basement
<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

* 3 Gallons Paint in 2224 Unit, 5 Gallons Paint 2222 Unit, 16 Gallons Paint in Basement

* 3 Gas Meters in Basement

* 5 Cans Spray Paint 2226 Unit

* 1 Gallon Gasoline in Basement West Stair

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. 234790

Account Number: B929

Date Received: 04/28/2014

Received By: Joanna Mueller

Date Analyzed: 04/29/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

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

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Light Gray Plaster	Asbestos Not Present	NA	CaCO3 Perlite
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
002a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
003a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
004	4	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
006	5A	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
007	5B	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790

Account Number: B929

Date Received: 04/28/2014

Received By: Joanna Mueller

Date Analyzed: 04/29/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	6	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
009	7	Layered	White Joint Compound	Asbestos Present Chrysotile 2	Cellulose 70	CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
010	8	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
011	9	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
011b		Layered	Black Mastic	Asbestos Present Chrysotile 10	NA	Tar Glue
012	10	Layered	Black Ceramic Tile	Asbestos Not Present	NA	Clay
012a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
013	11	Layered	Gray Floor Tile	Asbestos Present Chrysotile 15	NA	Vinyl CaCO3
013a		Layered	Black Mastic	Asbestos Present Chrysotile 6	NA	Tar
014	12	Layered	Red Floor Tile	Asbestos Present Chrysotile 10	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790

Account Number: B929

Date Received: 04/28/2014

Received By: Joanna Mueller

Date Analyzed: 04/29/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

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

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
015	13	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
015a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						
016	14	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
016a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						
017	15	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
017a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790	Client: Harendra Management Group
Account Number: B929	Jolene Harendra
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	16	Homogeneous	Black Mastic	Asbestos Present Chrysotile 4	Cellulose 2	Tar
019	17	Homogeneous	Dark Gray Ceramic Tile	Asbestos Not Present	NA	Clay
020	18	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
020a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
021	19	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
021a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
022	20	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790

Account Number: B929

Date Received: 04/28/2014

Received By: Joanna Mueller

Date Analyzed: 04/29/2014

Analyzed By: Sandy Baker

Methodology: EPA/600/R-93/116

Client: Harenda Management Group

Jolene Harenda

1237 West Bruce St.

Milwaukee, WI 53204

Project: DNS

Project Location: Milwaukee, WI

Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
023	21	Homogeneous	Black Mastic	Asbestos Present Chrysotile 20	NA	Tar Cork
024	22	Homogeneous	Beige Fabric	Asbestos Not Present	Cellulose 98	
025	23	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 6	NA	Quartz CaCO3
026	24	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
026a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
027	25	Layered	Gray Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790	Client: Harena Management Group
Account Number: B929	Jolene Harena
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
028	26	Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
028a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
029	27	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
029a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
030	28	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
030a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay

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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. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	29	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
032	30	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
033	31	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
034	32	Layered	Dark Green Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
034a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
035	33	Layered	Gray Floor Tile	Asbestos Present Chrysotile 15	NA	Vinyl CaCO3
035a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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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. 234790	Client: Harena Management Group
Account Number: B929	Jolene Harena
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	34	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
036a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
037	35	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
038	36	Layered	Beige Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
038a		Layered	Black Mastic	Asbestos Present Chrysotile 8	NA	Tar
039	37	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
039a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	38	Layered	Green Mastic	Asbestos Present Chrysotile 3	NA	Glue
040a		Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
040b		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
041	39	Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
041a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
042	40	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 35 Glass Fiber 35	Perlite Paint
043	41	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 35 Glass Fiber 35	Perlite Paint

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
044	42	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 35 Glass Fiber 35	Perlite Paint
045	43	Layered	Beige Floor Tile	Asbestos Present Chrysotile 5	NA	Vinyl CaCO3
045a		Layered	Black Mastic	Asbestos Present Chrysotile 8	NA	Tar
045b		Layered	Gray Floor Tile	Asbestos Present Chrysotile 15	NA	Vinyl CaCO3
045c		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
046	44	Layered	Beige Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
046a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar

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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/28/2014	1237 West Bruce St.
Received By: Joanna Mueller	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
046b		Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
046c		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
047	45	Layered	Beige Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
047a		Layered	Black Mastic	Asbestos Present Chrysotile 8	NA	Tar
047b		Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
047c		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
048	46	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay

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

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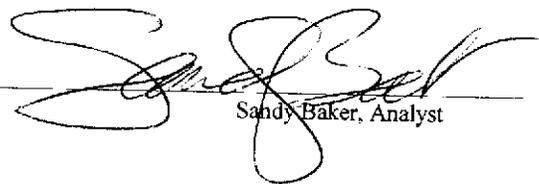
Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234790
 Account Number: B929
 Date Received: 04/28/2014
 Received By: Joanna Mueller
 Date Analyzed: 04/29/2014
 Analyzed By: Sandy Baker
 Methodology: EPA/600/R-93/116

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

Project: DNS
 Project Location: Milwaukee, WI
 Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
048a		Layered	Pink Grout	Asbestos Not Present	NA	CaCO3 Clay
048b		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
049	47	Homogeneous	Light Gray Caulk	Asbestos Not Present	NA	Silicone
050	48	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
050a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay


 Sandy Baker, Analyst

4/29/2014
 Date of Report

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

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Page 2 of 3
 For Lab Use Only
 Lab No. 234790
 Accept Reject

Project Information		Project Name: DNS	Project Location: Milwaukee, WI			
No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	9	<input checked="" type="checkbox"/>				
12	10	<input type="checkbox"/>				
13	11	<input type="checkbox"/>				
14	12	<input type="checkbox"/>				
15	13	<input type="checkbox"/>				
16	14	<input type="checkbox"/>				
17	15	<input type="checkbox"/>				
18	16	<input type="checkbox"/>				
19	17	<input type="checkbox"/>				
20	18	<input type="checkbox"/>				
21	19	<input type="checkbox"/>				
22	20	<input type="checkbox"/>				
23	21	<input type="checkbox"/>				
24	22	<input type="checkbox"/>				
25	23	<input type="checkbox"/>				
26	24	<input type="checkbox"/>				
27	25	<input type="checkbox"/>				
28	26	<input type="checkbox"/>				
29	27	<input type="checkbox"/>				
30	28	<input checked="" type="checkbox"/>				



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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. <u>2347AD</u>
Accept <input 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)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	29	<input checked="" type="checkbox"/>				
32	30	<input type="checkbox"/>				
33	31	<input type="checkbox"/>				
34	32	<input type="checkbox"/>				
35	33	<input type="checkbox"/>				
36	34	<input type="checkbox"/>				
37	35	<input type="checkbox"/>				
38	36	<input type="checkbox"/>				
39	37	<input type="checkbox"/>				
40	38	<input type="checkbox"/>				
41	39	<input type="checkbox"/>				
42	40	<input type="checkbox"/>				
43	41	<input type="checkbox"/>				
44	42	<input type="checkbox"/>				
45	43	<input type="checkbox"/>				
46	44	<input type="checkbox"/>				
47	45	<input type="checkbox"/>				
48	46	<input type="checkbox"/>				
49	47	<input type="checkbox"/>				
50	48	<input checked="" type="checkbox"/>				

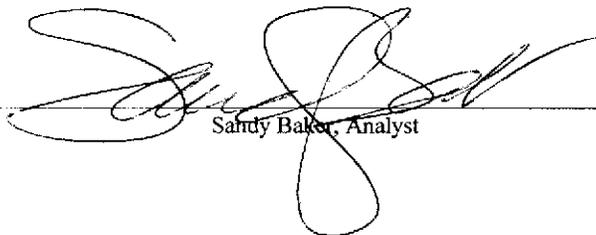


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Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 234876	Client: Harenda Management Group
Account Number: B929	Jolene Harenda
Date Received: 04/29/2014	1237 West Bruce St.
Received By: Sherrie Leftwich	Milwaukee, WI 53204
Date Analyzed: 04/29/2014	Project: PT CT for 234790, DNS
Analyzed By: Sandy Baker	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 14-200-042.2228

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	7	Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.50 400 Point Count	NA	



Sandy Baker, Analyst

4/29/2014
Date of Report

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

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LABORATORIES
 www.QuanTEM.com

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For Lab Use Only

Lab No. _____

Accept _____

Reject _____

Report Results (one box)
 QuantEM Website
 Other email _____

Contact Information		Project Information	
Company:	Harenda Management Group	Project Name:	DNS
Contact:	Dean Jacobsen	Project Location:	Milwaukee, WI
Account #:	B929	Project ID:	14-200-042.2228
SAMPLED BY:	Name: _____	PO. Number:	_____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	4/29/14 1450	Email		

REQUESTED SERVICES (Please the Appropriate Boxes)

	PLM		TEM		TEM		TURNAROUND TIME
	Bulk Analysis (EPA 600/R-93/116)	400 Point Count	Air- AHERA	Air- NIOSH 7402	Bulk- Presence / Absence EPA600/R-93/116	Bulk- Quantitative (weight%) - Chatfield	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rush
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	24 - Hour
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 - Day
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	7	<input checked="" type="checkbox"/>				Composite Point Count
2		<input type="checkbox"/>				Quantem Lab #234790
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

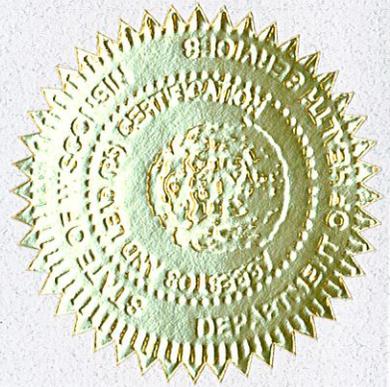
Asbestos Company - Primary

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

Dean T. Jacobsen
W1316781 Kipling Dr
Monkego WI 53150-3401

		160 lbs	5' 08"
ALL-14370	Exp. 12/31/2014	12/12/1963	Male

Training due by: 12/01/2014