HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Two Family Dwelling
1942 South 6th Street Front
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.: 14-200-061.1952F
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the front dwelling at 1942 South 6th Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, blown in insulation, ceiling tile, linoleum, window glazing compound, floor tile, and paper insulation to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M.*

II. BUILDING SURVEY

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

On March 5, 2014 HMG conducted an asbestos inspection of a two family front dwelling, scheduled for mechanical demolition, located at 1942 South 6th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, drywall/joint compound, blown in insulation, ceiling tile, linoleum, window glazing compound, floor tile, and paper insulation. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1st floor – front entry – west wall – plaster skim coat	Negative	N/A	SPl
1b	1st floor – front entry – west wall – plaster base coat	Negative	N/A	SPl
2a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPl
2b	1st floor – living room – south wall – plaster base coat	Trace <1% Actinolite/ Tremolite	N/A	SPl
2b	POINT COUNT RESULT	Trace <25% Chrysotile	N/A	SPl
3	1st floor – stair – east wall – plaster	Negative	N/A	SPl
4a	Basement – ceiling – plaster skim coat	Negative	N/A	SPl
4b	Basement – ceiling – plaster base coat	Negative	N/A	SPl
5a	Basement – south wall – plaster skim coat	Negative	N/A	SPl
5b	Basement – south wall – plaster base coat	Negative	N/A	SPl
6	2nd floor – east room – ceiling – drywall	Negative	N/A	MDW
7	2nd floor – northwest room – north wall – drywall	Negative	N/A	MDW
8a	Basement – living room – east wall – joint compound	Positive 3% Chrysotile	N/A	MDW
8b	Basement – living room – east wall – drywall	Negative	N/A	MDW
8b	COMPOSITE POINT COUNT RESULT	Trace 0.75% Chrysotile	N/A	MDW
9	Attic – in ceiling – blown in insulation	Negative	N/A	MBI
10	Attic – near stair – blown in insulation	Negative	N/A	MBI
11	Attic – in ceiling – blown in insulation	Negative	N/A	MBI
12	1st floor – back hall – ceiling tile	Negative	N/A	MSCT
13	Basement – living room – west window – glazing compound	Negative	N/A	MPG
14	Basement – south room – south window – glazing compound	Negative	N/A	MPG
15	1st floor – living room – west window – glazing compound	Negative	N/A	MPG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16	1st floor – south room – under carpet – gray linoleum	Negative	N/A	MFLy
17	1st floor – bathroom – on wall – yellow and black linoleum	Negative	N/A	MFLk
18	**1st floor – kitchen – top layer – tan and white linoleum**	**Positive 25% Chrysotile**	**160 Sq. Ft.**	**MFLtw**
19	2nd floor – stair landing – under floor tile – green and white linoleum	Negative	N/A	MFLgw
20	1st floor – bathroom – on wall under yellow and black linoleum – pink linoleum	Negative	N/A	MFLp
21a	**Basement – entry – 9" brown floor tile**	**Positive 7% Chrysotile**	**40 Sq. Ft.**	**MF9n**
21b	Basement – entry – under floor tile – mastic	Negative	N/A	MF9n
22a	**Basement – kitchen – 9" tan and brown floor tile**	**Positive 8% Chrysotile**	**150 Sq. Ft.**	**MF9tn**
22b	Basement – entry – under floor tile – mastic	Negative	N/A	MF9n
23a	**Basement – living room – 9" black floor tile**	**Positive 7% Chrysotile**	**280 Sq. Ft.**	**MF9k**
23b	Basement – entry – under floor tile – mastic	Negative	N/A	MF9n
24a	**Basement – living room – 9" black floor tile**	**Positive 7% Chrysotile**	**Reference Sample 23a**	**MF9k**
24b	Basement – entry – under floor tile – mastic	Negative	N/A	MF9n
25a	**Basement – south room – 9" black floor tile**	**Positive 6% Chrysotile**	**Reference Sample 23a**	**MF9k**
25b	Basement – south room – under floor tile – mastic	Negative	N/A	MF9n
26	1st floor – front entry – on floor – paper insulation	Negative	N/A	MPI
27	1st floor – living room – on floor – paper insulation	Negative	N/A	MPI
28	1st floor – living room – on floor – paper insulation	Negative	N/A	MPI

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	700 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	1,100 Sq. Ft.
1st	Kitchen/Bathroom/Stair	Floor Tile & Mastic	220 Sq. Ft.
1st	South Room/Bathroom	Floor & Wall Mastic	60 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MSCT	Ceiling Tile
MPG	Glazing Compound
MFLy	Gray Linoleum
MFLk	Black Linoleum
MFLtw	Tan & White Linoleum
MFLgw	Green & White Linoleum
MFLp	Pink Linoleum

Homogeneous Material Codes

MF9n	9" Brown Floor Tile
MF9tn	9" Tan & Brown Floor Tile
MF9k	9" Black Floor Tile
MPI	Paper Insulation

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
1	Junk Auto Tires – Basement
N/A	Junk Vehicles

* 2 Gas Meters on Exterior

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. 232681
Account Number: B929
Date Received: 03/06/2014
Received By: Joanna Mueller
Date Analyzed: 03/11/2014
Analyzed By: Gayle Ooten
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: 14-200-061.1942F

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	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
002	2	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
002a		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite <1	Cellulose 3	Gypsum Vermiculite
003	3	Homogeneous	White Plaster	Asbestos Not Present	Cellulose 5	Gypsum Vermiculite
004	4	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
004a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Gypsum Vermiculite

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
005	5	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Gypsum Vermiculite
006	6	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Paint
007	7	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Paint
008	8	Layered	Cream Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
008a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum
009	9	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 99	Binder

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1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
010	10	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	99	Binder
011	11	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	99	Binder
012	12	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Paint Perlite
013	13	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA		CaCO3
014	14	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
015	15	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
016	16	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose	25	Tar

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QUANTEM® LABORATORIES

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 03/06/2014
Received By: Joanna Mueller
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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: 14-200-061.1942F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose 25	Tar
018	18	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
019	19	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 25	Tar
020	20	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 25	Tar
021	21	Layered	Brown Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
021a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
022	22	Layered	Brown Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1942F

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	23	Layered	Brown Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
023a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
024	24	Layered	Brown Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
024a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
025	25	Layered	Black Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
025a		Layered	Black Mastic	Asbestos Not Present	NA	Tar

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 03/06/2014
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Date Analyzed: 03/11/2014
Analyzed By: Gayle Ooten
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: 14-200-061.1942F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Homogeneous	Gray Flooring	Asbestos Not Present	Cellulose Synthetic	40 40	Binder
027	27	Homogeneous	Gray Flooring	Asbestos Not Present	Cellulose Synthetic	40 40	Binder
028	28	Homogeneous	Gray Flooring	Asbestos Not Present	Cellulose Synthetic	40 40	Binder

Gayle Ooten, Analyst

3/11/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232681
Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.1942F
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/5/14 1800	Fed Ex	J Mueller	3/6/14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☑	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☑				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232681	
Accept	Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				Do Not Test Mastic
17	17	☐				↓
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				Do Not Test Mastic
27	27	☐				↓
28	28	☑				
29		☐				
30		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232966
Account Number: B929
Date Received: 03/14/2014
Received By: Sherrie Leftwich
Date Analyzed: 03/14/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: PTCT for 232966, DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1942F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	2	Composite	White/Gray Skim Coat / Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	8	Composite	Cream/White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.75 400 Point Count	NA	

Gayle Ooten, Analyst

3/14/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

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www.QuanTEM.com

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232766
(Accept) Reject

Contact Information			
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	Report Results (☑ one box)
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	☑ QuanTEM Website
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 14-200-061.1942F	☐ Other email
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	3/13/14 1740	Email	Shaftwick	3/14/14 9:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	2	☑		Gray Plaster		Quantem Lab # 232681
2	8	☑				composite point count
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

One Family Dwelling
1942 South 6th Street Rear
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.: 14-200-061.1942R
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the rear dwelling at 1942 South 6th Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, fiberboard, linoleum, paper insulation, and tar paper 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 March 6, 2014 HMG conducted an asbestos inspection of a one family rear dwelling, scheduled for mechanical demolition, located at 1942 South 6th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP

regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, drywall/joint compound, fiberboard, linoleum, paper insulation, and tar paper. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1st floor – kitchen – ceiling – plaster skim coat	Negative	N/A	SPl
1b	1st floor – kitchen – ceiling – plaster base coat	Negative	N/A	SPl
2a	1st floor – pantry – north wall – plaster skim coat	Negative	N/A	SPl
2b	1st floor – pantry – north wall – plaster base coat	Negative	N/A	SPl
3a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
3b	1st floor – living room – east wall – plaster base coat	Negative	N/A	SPl
4a	1st floor – living room – north wall – plaster skim coat	Negative	N/A	SPl
4b	1st floor – living room – north wall – plaster base coat	Negative	N/A	SPl
5a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPl
5b	1st floor – living room – south wall – plaster base coat	Negative	N/A	SPl
6	1st floor – pantry – west wall – drywall	Negative	N/A	MDW
7	1st floor – pantry – west wall – drywall	Negative	N/A	MDW
8	1st floor – pantry – west wall – drywall	Negative	N/A	MDW
9	1st floor – kitchen – west wall – fiberboard	Negative	N/A	MFB
10	1st floor – living room – south wall – fiberboard	Negative	N/A	MFB
11	1st floor – living room – north wall – fiberboard	Negative	N/A	MFB
12	1st floor – kitchen – top layer – gray and green linoleum	Negative	N/A	MFLyg
13	1st floor – kitchen – 2nd layer – red and white linoleum	Negative	N/A	MFLrw
14	1st floor – kitchen – 3rd layer – red and blue linoleum	Negative	N/A	MFLrw
15	1st floor – kitchen – 4th layer – red linoleum	Negative	N/A	MFLr
16	1st floor – kitchen – 5th layer – brown linoleum	Negative	N/A	MFLn
17	1st floor – living room west side – red and green linoleum	Negative	N/A	MFLrg
18	1st floor – living room south side – red and green linoleum	Negative	N/A	MFLrg
19	1st floor – living room center – red and green linoleum	Negative	N/A	MFLrg
20	Exterior – west wall under vinyl siding – drywall #2	Negative	N/A	MDW2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
21	Exterior – south wall under vinyl siding – drywall #2	Negative	N/A	MDW2
22	Exterior – north wall under vinyl siding – drywall #2	Negative	N/A	MDW2
23	1st floor – living room west side – under linoleum – paper insulation	Negative	N/A	MPI
24	1st floor – living room south side – under linoleum – paper insulation	Negative	N/A	MPI
25	1st floor – living room center – under linoleum – paper insulation	Negative	N/A	MPI
26	Exterior – east wall – tar paper	Negative	N/A	MPT

Notes: N/A = Not Applicable

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	400 Sq. Ft.
1st	All Rooms	Floor Mastic	350 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MDW	Drywall
MDW2	Drywall #2
MFB	Fiberboard
MFLyg	Gray & Green Linoleum
MFLrw	Red & White Linoleum
MFLrb	Red & Blue Linoleum
MFLr	Red Linoleum
MFLn	Brown Linoleum
MPI	Paper Insulation
MPT	Tar Paper

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

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

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

V. EXCLUSIONS

Attic not accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

This report represents the condition of the building and its visible/accessible suspect asbestos containing materials at the date and the times of the onsite inspection. Hidden materials or those

materials that could be present at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

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

CFCs and HALONS
Equipment that may contain CFCs and Halons:

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

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

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. 232790
Account Number: B929
Date Received: 03/10/2014
Received By: Joanna Mueller
Date Analyzed: 03/10/2014
Analyzed By: Gayle Ooten
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: 14-200-061.1942R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
001a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
002	2	Layered	Pink Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
002a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
003	3	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
003a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
004	4	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint

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

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

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Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1942R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
005	5	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	6	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Paint
007	7	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Binder
008	8	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 25	Gypsum Paint
009	9	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1942R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
010	10	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
011	11	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
012	12	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
013	13	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
014	14	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
015	15	Homogeneous	Red Linoleum	Asbestos Not Present	Cellulose	25	Tar
016	16	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose	25	Tar

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232790
Account Number: B929
Date Received: 03/10/2014
Received By: Joanna Mueller
Date Analyzed: 03/10/2014
Analyzed By: Gayle Ooten
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: 14-200-061.1942R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
017	17	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
018	18	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
019	19	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
020	20	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
021	21	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
022	22	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
023	23	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	

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

QUANTEM® LABORATORIES

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

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Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1942R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
024	24	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
025	25	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
026	26	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar

Gayle Ooten, Analyst

3/11/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232790
Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.1942R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/7/14 1700	FedEx	[signature]	3/10/14 10:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232090
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				Do Not Test Mastic
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☑				
27		☐				
28		☐				
29		☐				
30		☐				

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IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Two Family Front Dwelling
2603 North 6th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 14-200-061.2603F
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the front dwelling at 2603 North 6th Street, Milwaukee, Wisconsin.

The inspection included plaster, tar paper, blown in insulation, window glazing compound, linoleum drywall/joint compound, magnesia pipe insulation, and flue packing 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 March 3, 2014 HMG conducted an asbestos inspection of a two family front dwelling, scheduled for mechanical demolition, located at 2603 North 6th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

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A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, tar paper, blown in insulation, window glazing compound, linoleum drywall/joint compound, magnesia pipe insulation, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – east wall under wood siding – tar paper	Negative	N/A	MPT
2	Exterior – west wall under wood siding – tar paper	Negative	N/A	MPT
3	Exterior – south wall under wood siding – tar paper	Negative	N/A	MPT
4	1st floor – bedroom – south window – glazing compound	Negative	N/A	MPG
5	1st floor – kitchen – west window – glazing compound	Negative	N/A	MPG
6	**1st floor – living room – north window – glazing compound**	**Positive 2% Chrysotile**	**27 Windows**	**MPG**
7	2nd floor – north bedroom – under carpet – green linoleum	Negative	N/A	MFLg
8	2nd floor – southwest bedroom – under carpet – yellow and blue linoleum	Negative	N/A	MFLlb
9	2nd floor – southwest bedroom – under yellow and blue linoleum – red and green linoleum	Negative	N/A	MFLrg
10	2nd floor – east bedroom – under carpet – tan linoleum	Negative	N/A	MFLt
11	1st floor – dining room – north side – yellow and brown linoleum	Negative	N/A	MFLln
12	1st floor – dining room – south side – yellow and brown linoleum	Negative	N/A	MFLln
13	1st floor – dining room – west side – yellow and brown linoleum	Negative	N/A	MFLln
14a	1st floor – living room – north wall – patch layer	Negative	N/A	SPl
14b	1st floor – living room – north wall – plaster	Negative	N/A	SPl
15	1st floor – dining room – north wall – plaster	Negative	N/A	SPl
16	1st floor – kitchen – west wall – plaster	Negative	N/A	SPl
17	1st floor – bathroom – east wall – plaster	Negative	N/A	SPl
18	2nd floor – stair – north wall – plaster	Negative	N/A	SPl
19	2nd floor – hall – north wall – plaster	Negative	N/A	SPl
20	2nd floor – east room –closet wall – plaster	Negative	N/A	SPl
21	2nd floor – hall – south wall – drywall	Negative	N/A	MDW
22	2nd floor – closet – west wall – drywall	Negative	N/A	MDW
23	2nd floor – north bedroom– south wall – drywall	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
24	1st floor – front entry – on floor – blown in insulation	Negative	N/A	MBI
25	2nd floor – bathroom – on floor – blown in insulation	Negative	N/A	MBI
26	2nd floor – bathroom – on floor – blown in insulation	Negative	N/A	MBI
27	**Basement – east side - <5" diameter magnesia pipe insulation**	**Positive 8% Chrysotile**	**90 Ln. Ft.**	**TM5**
28	**Basement – south side - <5" diameter magnesia pipe insulation**	**Positive 5% Chrysotile**	**Reference Sample 27**	**TM5**
29	**Basement – center - <5" diameter magnesia pipe insulation**	**Positive 5% Chrysotile**	**Reference Sample 27**	**TM5**
30a	Basement – on chimney – flue packing top layer	Negative	N/A	TFP
30b	Basement – on chimney – flue packing 2nd layer	Negative	N/A	TFP
30c	Basement – on chimney – flue packing 3rd layer	Negative	N/A	TFP
30d	Basement – on chimney – flue packing 4th layer	Negative	N/A	TFP
31	2nd floor – east bedroom closet – red and tan linoleum	Negative	N/A	MFLrt

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	800 Sq. Ft.
1st	Kitchen	Floor Tile & Mastic	400 Sq. Ft.
1st	Dining Room	Floor Mastic	220 Sq. Ft.
2nd	Bedrooms	Floor Mastic	420 Sq. Ft.
2nd	Bathroom	Floor Tile & Mastic	100 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MPT	Tar Paper
MPG	Glazing Compound
MFLg	Green Linoleum
MFLlb	Yellow & Blue Linoleum
MFLrg	Red & Green Linoleum
MFLt	Tan Linoleum
MFLln	Yellow & Brown Linoleum
MFLrt	Red & Tan Linoleum
MDW	Drywall
MBI	Blown in Insulation
TM5	<5" Diameter Magnesia Pipe Insulation
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: Additional magnesia may be within walls and ceilings.

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, **FURNACES, HEATERS** AND TANKS – 2 Furnaces & 1 Water Heater in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
3	Junk Auto Tires – Exterior
N/A	Junk Vehicles

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232577
Account Number: B929
Date Received: 03/04/2014
Received By: Joanna Mueller
Date Analyzed: 03/07/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 30 Synthetic 30	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 30 Synthetic 30	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 30 Synthetic 30	Tar
004	4	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
005	5	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
006	6	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3
007	7	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder

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

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

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	25	Tar Binder
009	9	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	25	Tar Binder
010	10	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	25	Tar Binder
011	11	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
012	12	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
013	13	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
014	14	Layered	White Skim Coat	Asbestos Not Present	NA		Sand CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
015	15	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
016	16	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
017	17	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair 3	Sand CaCO3
018	18	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair 2	Sand CaCO3
019	19	Homogeneous	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
020	20	Homogeneous	Light Gray Plaster	Asbestos Not Present	Hair 2	Sand CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232577
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Date Received: 03/04/2014
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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: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
021	21	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
022	22	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
023	23	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum Paint
024	24	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	
025	25	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	
026	26	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	
027	27	Homogeneous	White Insulation	Asbestos Present Chrysotile 8	Cellulose	10	Gypsum

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232577
Account Number: B929
Date Received: 03/04/2014
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Date Analyzed: 03/07/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Homogeneous	White Insulation	Asbestos Present Chrysotile 5	Cellulose 10	Gypsum
029	29	Homogeneous	White Insulation	Asbestos Present Chrysotile 5	Cellulose 10	Gypsum
030	30	Layered	Light Gray Stucco	Asbestos Not Present	Wollastonite 2	Sand Talc
030a		Layered	Dark Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
030b		Layered	White Stucco	Asbestos Not Present	NA	Sand CaCO3
030c		Layered	Tan Stucco	Asbestos Not Present	NA	Sand CaCO3
031	31	Homogeneous		Asbestos Not Present	NA	

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232577
Account Number: B929
Date Received: 03/04/2014
Received By: Joanna Mueller
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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: 14-200-061.2603

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Cristal Veech, Analyst

3/7/2014
Date of Report

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232077
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	☒				
32		☐				
33		☐				
34		☐				
35		☐				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232577
	Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.2603
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/3/14 1800	FedEx	J Mueller	3/4/14 10:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				Do Not Test Mastic
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

Sample #31 was not received.

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232577	
Accept	Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				Do Not Test Mastic
12	12	☐				↓
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	30	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

One Family Rear Dwelling
2603 North 6th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 14-200-061.2603R
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the rear dwelling at 2603 North 6th Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, linoleum, tar paper, blown in insulation, window glazing compound, and flue packing 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 March 5, 2014 HMG conducted an asbestos inspection of a one family rear dwelling, scheduled for mechanical demolition, located at 2603 North 6th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, drywall/joint compound, linoleum, tar paper, blown in insulation, window glazing compound, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
1b	1st floor – living room – east wall – plaster base coat	Negative	N/A	SPl
2a	1st floor – living room – west wall – plaster skim coat	Negative	N/A	SPl
2b	1st floor – living room – west wall – plaster base coat	Negative	N/A	SPl
3a	1st floor – southwest bedroom – east wall – plaster skim coat	Negative	N/A	SPl
3b	1st floor – southwest bedroom – east wall – plaster base coat	Negative	N/A	SPl
4a	1st floor – northwest bedroom – south wall – plaster skim coat	Negative	N/A	SPl
4b	1st floor – northwest bedroom – south wall – plaster base coat	Negative	N/A	SPl
5a	2nd floor – dining room – west wall – plaster skim coat	Negative	N/A	SPl
5b	2nd floor – dining room – west wall – plaster base coat	Negative	N/A	SPl
6a	2nd floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
6b	2nd floor – living room – east wall – plaster base coat	Negative	N/A	SPl
7a	2nd floor – kitchen – south wall – plaster skim coat	Negative	N/A	SPl
7b	2nd floor – kitchen – south wall – plaster base coat	Negative	N/A	SPl
8	1st floor – kitchen – east wall – drywall	Negative	N/A	MDW
9a	1st floor – bathroom – south wall – joint compound	Negative	N/A	MDW
9b	1st floor – bathroom – south wall – drywall	Negative	N/A	MDW
10	2nd floor – kitchen – north wall – joint compound	Negative	N/A	MDW
10	2nd floor – kitchen – north wall – drywall	Negative	N/A	MDW
11	1st floor – living room – center under carpet – yellow and brown linoleum	Negative	N/A	MFLln
12	1st floor – living room – west side under carpet – yellow and brown linoleum	Negative	N/A	MFLln

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
13	1st floor – dining room – under carpet – yellow and brown linoleum	Negative	N/A	MFLln
14	1st floor – southwest bedroom – under carpet – yellow linoleum	Negative	N/A	MFLl
15	1st floor – northwest bedroom – under carpet – yellow and tan linoleum	Negative	N/A	MFLlt
16	1st floor – bathroom – tan and white linoleum	Negative	N/A	MFLtw
17	2nd floor – dining room – under carpet – orange and tan linoleum	Negative	N/A	MFLot
18	2nd floor – dining room – under orange and tan linoleum – red and pink linoleum	Negative	N/A	MFLrp
19	2nd floor – living room – under carpet – green and brown linoleum	Negative	N/A	MFLgn
20	2nd floor – northwest bedroom – under carpet – yellow and gray linoleum	Negative	N/A	MFLly
21	2nd floor – bathroom – under floor tile and plywood – green linoleum	Negative	N/A	MFLg
22	2nd floor – living room – under green and brown linoleum – tar paper	Negative	N/A	MPT
23	Attic – on floor – blown in insulation	Negative	N/A	MBI
24	Attic – on floor – blown in insulation	Negative	N/A	MBI
25	Basement – on stair – blown in insulation	Negative	N/A	MBI
26	**Basement – west window – glazing compound**	**Positive 2% Chrysotile**	**30 Windows**	**MPG**
27	**1st floor – kitchen – north window – glazing compound**	**Positive 2% Chrysotile**	**Reference Sample 26**	**MPG**
28	**Attic – window stack – glazing compound**	**Positive 2% Chrysotile**	**Reference Sample 26**	**MPG**
29	Basement – on south side of chimney – flue packing	Negative	N/A	TFP
30	Basement – on east side of chimney – flue packing #2	Negative	N/A	TFP2

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	800 Sq. Ft.
1st	Kitchen	Floor Tile & Mastic	500 Sq. Ft.
1st	Living Room/Dining Room/Bedrooms/Bathroom	Floor Mastic	340 Sq. Ft.
2nd	Living Room/Dining Room/Bedroom	Floor Mastic	300 Sq. Ft.
2nd	Bathroom/Kitchen	Floor Tile & Mastic	350 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MDW	Drywall
MFLg	Green Linoleum
MFLln	Yellow & Brown Linoleum
MFLl	Yellow Linoleum

Homogeneous Material Codes

MFLlt	Yellow & Tan Linoleum
MFLtw	Tan & White Linoleum
MFLot	Orange & Tan Linoleum
MFLrp	Red & Pink Linoleum
MFLrg	Red & Green Linoleum
MFLly	Yellow & Gray Linoleum
MPT	Tar Paper
MBI	Blown in Insulation
MPG	Glazing Compound
TFP	Flue Packing
TFP2	Flue Packing #2

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

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

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

V. EXCLUSIONS

Basement floor covered with debris and only partially accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
1	**Refrigerators**, Freezers, Chillers – 1st Floor Kitchen
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Electric Meters on Exterior.

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior

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. 232682
Account Number: B929
Date Received: 03/06/2014
Received By: Joanna Mueller
Date Analyzed: 03/11/2014
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: 14-200-061.2603R

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	Gray Plaster	Asbestos Not Present	Hair 3	Quartz Sand
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
002a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz Sand
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
003a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	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.

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

Polarized Light Microscopy Asbestos Analysis Report

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Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
004a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Quartz Sand
005	5	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Quartz Sand
006	6	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
006a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Quartz Sand
007	7	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
007a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Quartz Sand

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

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

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Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
009	9	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
010	10	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
011	11	Homogeneous	Dark Yellow Sheet Vinyl	Asbestos Not Present	Cellulose	75	Vinyl Foam
012	12	Homogeneous	Dark Yellow Sheet Vinyl	Asbestos Not Present	Cellulose	75	Vinyl Foam

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

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013	13	Homogeneous	Dark Yellow Sheet Vinyl	Asbestos Not Present	Cellulose	75	Vinyl Foam
014	14	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
015	15	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
016	16	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
017	17	Homogeneous	Tan/Brown Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
018	18	Homogeneous	Peach Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
019	19	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232682
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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: 14-200-061.2603R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Homogeneous	Yellow/Green Sheet Vinyl	Asbestos Not Present	NA	Vinyl Foam
021	21	Homogeneous	Yellow/Green Sheet Vinyl	Asbestos Not Present	NA	Vinyl Foam
022	22	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
023	23	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
024	24	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
025	25	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
026	26	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232682
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Client: Harenda Management Group
Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2603R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	27	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3
028	28	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3
029	29	Homogeneous	Gray Putty	Asbestos Not Present	Wollastonite 80	Binder
030	30	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz Sand

Sandy Baker, Analyst

3/11/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232682
(Accept) Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.2603R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/5/14 1800	FedEx	J Mueller	3/6/14 1000

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☒				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232682	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				Do Not Test Mastic
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	30	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

One Family Rear Dwelling
2552-54 North 10th 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.: 13-2000-068.2552R
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
P. O. Box 511305
New Berlin, Wisconsin 53151-2105

July 2013

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the rear dwelling at 2552-54 North 10th Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On June 26, 2013, HMG conducted an asbestos inspection of a one family rear dwelling scheduled for mechanical demolition, located at 2552-54 North 10th 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 materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining),

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) plaster, texture, linoleum, window glazing compound, joint compound patch, flue packing, tar paper, and drywall/joint compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-2552Ra	1st floor – kitchen – under plywood – tan linoleum	Negative	N/A	MFLt
1-2552Rb	1st floor – kitchen – under linoleum – tar paper	Negative	N/A	MPT
2-2552R	1st floor – dining room – north wall – texture	Negative	N/A	STX
3-2552R	1st floor – dining room – south wall – texture	Negative	N/A	STX
4-2552R	1st floor – bedroom – ceiling – texture	Negative	N/A	STX
5-2552Ra	Basement – stair – north wall – plaster skim coat	Negative	N/A	SPl
5-2552Rb	Basement – stair – north wall – plaster base coat	Negative	N/A	SPl
6-2552Ra	1st floor – pantry – west wall – plaster skim coat	Negative	N/A	SPl
6-2552Rb	1st floor – pantry – west wall – plaster base coat	Negative	N/A	SPl
7-2552Ra	1st floor – bedroom – south wall – plaster skim coat	Negative	N/A	SPl
7-2552Rb	1st floor – bedroom – south wall – plaster base coat	Negative	N/A	SPl
8-2552Ra	1st floor – bathroom – north wall – plaster skim coat	Negative	N/A	SPl
8-2552Rb	1st floor – bathroom – north wall – plaster base coat	Negative	N/A	SPl
9-2552Ra	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
9-2552Rb	1st floor – living room – east wall – plaster base coat	Negative	N/A	SPl
10-2552Ra	2nd floor – east room – south wall – joint compound	Negative	N/A	MDW
10-2552Rb	2nd floor – east room – south wall – drywall	Negative	N/A	MDW
11-2552Ra	1st floor – kitchen – north wall – joint compound	Negative	N/A	MDW
11-2552Rb	1st floor – kitchen – east wall – drywall	Negative	N/A	MDW
12-2552Ra	1st floor – kitchen – east wall – joint compound	Negative	N/A	MDW
12-2552Rb	1st floor – kitchen – north wall – drywall	Negative	N/A	MDW
13-2552R	2nd floor – west room – south wall – texture #2	Negative	N/A	STX2
14-2552R	2nd floor – west room – north wall – texture #2	Negative	N/A	STX2
15-2552R	2nd floor – west room – east wall – texture #2	Negative	N/A	STX2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16-2552R	Basement – on windows – glazing compound	Negative	N/A	MPG
17-2552R	Basement – on chimney – flue packing	Negative	N/A	TFP
18-2552R	1st floor – bedroom – on south wall – joint compound patch	Negative	N/A	MJC
19-2552R	1st floor – bathroom – on north wall – joint compound patch	Negative	N/A	MJC
20-2552R	1st floor – front entry – on west wall – joint compound patch	Negative	N/A	MJC
21-2552R	Quality Assurance/Quality Control sample of 1-2552R	Negative	N/A	QA/QC

Notes: N/A = Not Applicable

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	600 Sq. Ft.
1st	Kitchen/Bathroom/Pantry	Floor Tile & Mastic	160 Sq. Ft.

Homogeneous Material Codes

SP1	Plaster
STX	Texture
STX2	Texture #2
MFLt	Tan Linoleum
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MJC	Joint Compound Patch
MPT	Tar Paper
TFP	Flue Packing
QA/QC	Quality Assurance/Quality Control Sample

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 223510
Account Number: B929

Date Received: 06/28/2013
Received By: Joanna Mueller
Date Analyzed: 06/28/2013
Analyzed By: Jeff Mlekush
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.2552R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-2552R	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
001a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
002	2-2552R	Homogeneous	White Texture	Asbestos Not Present	Cellulose 3	Paint CaCO3
003	3-2552R	Homogeneous	White Texture	Asbestos Not Present	Cellulose 5	Paint CaCO3
004	4-2552R	Homogeneous	White Texture	Asbestos Not Present	Cellulose 5	CaCO3 Paint
005	5-2552R	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

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Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.2552R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6-2552R	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 7	Sand Gypsum
007	7-2552R	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 4	Gypsum Sand Paint
008	8-2552R	Layered	White Skim Coat	Asbestos Not Present	Talc 8	CaCO3 Paint
008a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
009	9-2552R	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Gypsum Sand

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

QUANTEM® LABORATORIES

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

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Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.2552R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
010	10-2552R	Layered	White Texture	Asbestos Not Present	Cellulose	3	CaCO3
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
011	11-2552R	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
012	12-2552R	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
013	13-2552R	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 223510
Account Number: B929

Date Received: 06/28/2013
Received By: Joanna Mueller
Date Analyzed: 06/28/2013
Analyzed By: Jeff Mlekush
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.2552R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14-2552R	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015	15-2552R	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
016	16-2552R	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
017	17-2552R	Homogeneous	Brown Plaster	Asbestos Not Present	Synthetic <1	CaCO3 Quartz
018	18-2552R	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019	19-2552R	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
020	20-2552R	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 06/28/2013
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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.2552R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
021	21-2552R	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose	30	Binder Tar

Jeff Mlekush, Laboratory Manager

6/28/2013
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 223510
Accept / Reject

Contact Information

Company: Harenda Management Group	Phone: (414) 383-4800
Contact: Dean Jacobsen	Cell Phone:
Account #: B929	E-mail: djacobsen@harenda.com
SAMPLED BY: Name:	Date:

Project Information

Project Name: DNS	
Project Location: Milwaukee, WI	
Project ID: 13-2000-068.2552R	
P.O. Number:	

Report Results Via:
- ☐ QuanTEM Website
- ☑ Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	6/28/13 1300	FedEx		6/28/13 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM
- ☑ Bulk Analysis (EPA 600/R-93/116)
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Preparation
- ☐ Particle ID

PLM
- ☐ Vermiculite Attic Insulation (EPA 600/R-04/004)
- ☐ Other

PCM
- ☐ NIOSH 7400

TEM
- ☐ Air- AHERA
- ☐ Air- NIOSH 7402
- ☐ Air- ISO 10312
- ☐ Drinking Water- EPA 100.2
- ☐ Waste Water- EPA 600/4-83-043

TEM
- ☐ Bulk- Presence / Absence EPA600/R-93/116
- ☐ Bulk- Quantitative [weight%]- Chatfield
- ☐ Dust- Presence / Absence
- ☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755
- ☐ Other

TURNAROUND TIME
- ☐ Rush
- ☐ Same Day
- ☒ 24 - Hour
- ☐ 3 - Day
- ☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1-2552R	☒				Do Not Analyze Mastic
2	2-2552R	☐				
3	3-2552R	☐				
4	4-2552R	☐				
5	5-2552R	☐				
6	6-2552R	☐				
7	7-2552R	☐				
8	8-2552R	☐				
9	9-2552R	☐				
10	10-2552R	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 223510
Accept Reject

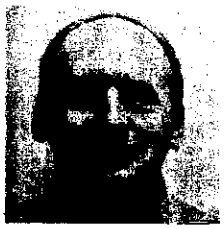
Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-2552R	☑				Do not Analyze Matrix
12	12-2552R	☐				
13	13-2552R	☐				
14	14-2552R	☐				
15	15-2552R	☐				
16	16-2552R	☐				
17	17-2552R	☐				
18	18-2552R	☐				
19	19-2552R	☐				
20	20-2552R	☐				
21	21-2552R	☐				
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

TURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday

IX. HMG CERTIFICATION



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: 12/01/2013	12/12/1963	Male

Training due by: 12/01/2013

WIP

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

2 Family Rear Dwelling
1828 South 11th 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.: 13-0105.1828R
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
P. O. Box 511305
New Berlin, Wisconsin 53151-2105

February 2013

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 1828 South 11th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, transite, tar paper, linoleum, flue packing, window glazing compound, ceiling tile, blown in insulation, and drywall/joint compound and 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 February 15, 2013, HMG conducted an asbestos inspection of a two family rear dwelling scheduled for mechanical demolition, located at 1828 South 11th 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 materials within the building.
2. Sampling and documentation of observable suspect materials. Category I nonfriable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining),

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, transite, tar paper, linoleum, flue packing, window glazing compound, ceiling tile, blown in insulation, and drywall/joint compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-1828R	Exterior – west wall – transite siding	**Positive 20% Chrysotile**	**2,800 Sq. Ft.**	**MTP**
2-1828R	Exterior – south wall – transite siding	**Positive 20% Chrysotile**	**Reference 1-1828R**	**MTP**
3-1828R	Exterior – east wall – transite siding	**Positive 20% Chrysotile**	**Reference 1-1828R**	**MTP**
4-1828R	Exterior – west wall under transite – tar paper	Negative	N/A	MPT
5-1828R	Exterior – south wall under transite – tar paper	Negative	N/A	MPT
6-1828R	Exterior – east wall under transite – tar paper	Negative	N/A	MPT
7-1828R	Basement – northeast corner – beige and black linoleum	Negative	N/A	MFLek
8-1828R	Basement – southwest corner under carpet – brown and black linoleum	Negative	N/A	MFLnk
9-1828R	Basement – south side under carpet – brown and black linoleum	Negative	N/A	MFLnk
10-1828R	Basement – south center under carpet – brown and black linoleum	Negative	N/A	MFLnk
11-1828R	Basement – on west chimney – flue packing	Negative	N/A	TFP
12-1828R	Basement – west window – glazing compound	Negative	N/A	MPG
13-1828R	Basement – northwest corner – tan and gold linoleum	Negative	N/A	MFLtd
14-1828R	1st floor – east apartment – living room closet – tan and brown linoleum	Negative	N/A	MFLtn
15-1828R	1st floor – east apartment – kitchen – west side under floor tile – brown linoleum	Negative	N/A	MFLn
16-1828R	1st floor – east apartment – kitchen – east side under floor tile – beige and brown linoleum	**Positive 15% Chrysotile**	**130 Sq. Ft.**	**MFLen**
17-1828R	1st floor – east apartment – kitchen – southeast corner – gray and black linoleum	Negative	N/A	MFLyk
18-1828R	1st floor – east apartment – kitchen – southeast corner on wall – cream and black linoleum	Negative	N/A	MFLck

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
19-1828R	1st floor – east apartment – bedroom – 1' x 1' ceiling tile	Negative	N/A	MSCT11
20-1828R	Attic – west side – tan/brown/yellow linoleum	Negative	N/A	MFLtnl
21-1828R	Attic – east side under floor – blown in insulation	Negative	N/A	MBI
22-1828R	Attic – north side under floor – blown in insulation	Negative	N/A	MBI
23-1828R	Attic – west side under floor – blown in insulation	Negative	N/A	MBI
24-1828R	Attic – on west stair – cream and red linoleum	Negative	N/A	MFLcr
25-1828Ra	1st floor – east apartment – kitchen – west wall – plaster base coat	Negative	N/A	SP1
25-1828Rb	1st floor – east apartment – kitchen – west wall – plaster skim coat	Negative	N/A	SP1
26-1828Ra	1st floor – east apartment – living room – north wall – plaster base coat	Negative	N/A	SP1
26-1828Rb	1st floor – east apartment – living room – north wall – plaster skim coat	Negative	N/A	SP1
26-1828Rc	1st floor – east apartment – living room – north wall – plaster base coat	Negative	N/A	SP1
26-1828Rd	1st floor – east apartment – living room – north wall – plaster skim coat	Negative	N/A	SP1
27-1828Ra	1st floor – east apartment – bedroom – south wall – plaster base coat	Negative	N/A	SP1
27-1828Rb	1st floor – east apartment – bedroom – south wall – plaster skim coat	Negative	N/A	SP1
28-1828Ra	1st floor – west apartment – kitchen – west wall – plaster base coat	Negative	N/A	SP1
28-1828Rb	1st floor – west apartment – kitchen – west wall – plaster skim coat	Negative	N/A	SP1
29-1828Ra	1st floor – west apartment – bathroom – north wall – plaster base coat	Negative	N/A	SP1
29-1828Rb	1st floor – west apartment – bathroom – north wall – plaster skim coat	Negative	N/A	SP1
30-1828R	1st floor – east apartment – kitchen – north wall – texture	Negative	N/A	STX
31-1828R	1st floor – east apartment – kitchen – west wall – texture	Negative	N/A	STX
32-1828R	1st floor – east apartment – living room – north wall – texture	Negative	N/A	STX
33-1828R	1st floor – west apartment – kitchen – top layer – gray and cream linoleum	Negative	N/A	MFLyc
34-1828R	1st floor – west apartment – kitchen – top layer – gray and cream linoleum	Negative	N/A	MFLyc
35-1828R	1st floor – bathroom – west apartment – gray and cream linoleum	Negative	N/A	MFLyc
36-1828R	1st floor – west apartment – kitchen – bottom layer – yellow linoleum	Negative	N/A	MFLl
37-1828R	1st floor – west apartment – kitchen – bottom layer – yellow linoleum	Negative	N/A	MFLl
38-1828R	1st floor – west apartment – kitchen – bottom layer – yellow linoleum	Negative	N/A	MFLl
39-1828Ra	1st floor – west apartment – north bedroom – north wall – drywall	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
39-1828Rb	1st floor – west apartment – north bedroom – north wall – joint compound	Negative	N/A	MDW
40-1828Ra	1st floor – west apartment – east bedroom – south wall – drywall	Negative	N/A	MDW
40-1828Rb	1st floor – west apartment – east bedroom – south wall – joint compound	Negative	N/A	MDW
41-1828Ra	1st floor – west apartment – living room – east wall – drywall	Negative	N/A	MDW
41-1828Rb	1st floor – west apartment – living room – east wall – joint compound	Negative	N/A	MDW
42-1828R	Quality Assurance/ Quality Control Sample of Sample 7-1828R	Negative	N/A	QAQC
43-1828R	Quality Assurance/ Quality Control Sample of Sample 8-1828R	Negative	N/A	QAQC

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,400 Sq. Ft.
1st	West Apt-Kitchen/Bathroom	Floor Mastic	200 Sq. Ft.
1st	East Apt-Kitchen/Bathroom/Living Room	Floor Tile & Mastic	240 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MFLek	Beige & Black Linoleum
MFLnk	Brown & Black Linoleum
MFLtd	Tan & Gold Linoleum
MFLtn	Tan & Brown Linoleum
MFLn	Brown Linoleum
MFLen	Beige & Brown Linoleum
MFLyk	Gray & Black Linoleum
MFLck	Cream & Black Linoleum
MFLtnl	Tan/Brown/Yellow Linoleum
MFLcr	Cream & Red Linoleum
MFLyc	Gray & Cream Linoleum
MFLl	Yellow Linoleum
MPG	Window Glazing Compound
MSCT11	1' x 1' Ceiling Tile
MBI	Blown in Insulation
MDW	Drywall/Joint Compound
TFP	Flue Packing
QA/QC	Quality Assurance/Quality Control Sample

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: Estimated cost for friable asbestos removal ..... [redacted]

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas or material were excluded from this 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 Schneider 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 & Family Services. **Please follow the Asbestos Inspection and Sampling Protocol for Buildings to be Demolished or Renovated.**

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – East Apt. Living Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

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

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

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

N/A	Transformers
N/A	Capacitors (appliances, electronic equipment)
N/A	Heat Transfer Equipment
1	Light Ballasts – East Apt. Living Room
N/A	Specialty Paints (such as for swimming pools or other industrial applications)
N/A	Sumps or Oil Traps (in maintenance and industrial facilities)

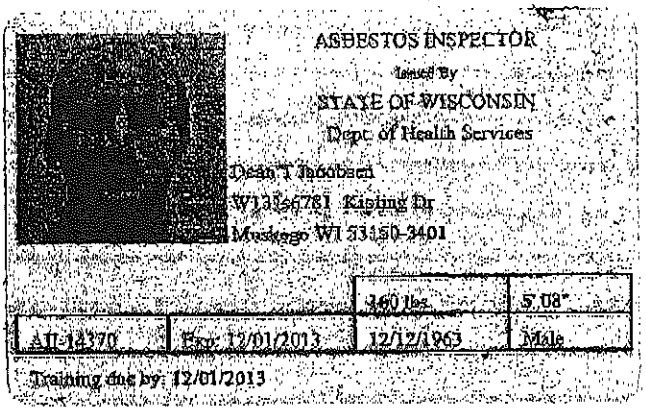
OTHER ENVIRONMENTAL ISSUES

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

* 3 Gas Meters on Exterior

VIII. LABORATORY RESULTS

IX. HMG CERTIFICATION


ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services
Dean T Incobucci
W133S6781 Kipling Dr
Muskego WI 53150-3401
360 lbs
5'08"
AII-14370
Exp: 12/01/2013
12/12/1963
Male
Training due by: 12/01/2013

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LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method[1] 600/R-93/116, EPA 600/M4-82-020

Using SLI A6

ACCOUNT #: 4001-13-866
CLIENT: Harenda Management Group
ADDRESS: 1237 West Bruce Street
Milwaukee, WI 53204
PROJECT NAME: DNS
JOB LOCATION:
PROJECT NO.: 13-0105.1828R
PO NO.:

DATE COLLECTED:
DATE RECEIVED: 2/18/2013
DATE ANALYZED: 2/25/2013
DATE REPORTED: 2/25/2013

SampleType: BULK

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
1-1828R	31786697			
Layer 1:	Hard Material	Gold, Hard	20% CHRYSOTILE	80% NON FIBROUS MATERIAL
2-1828R	31786698			
Layer 1:	Hard Material	Gray, Hard	20% CHRYSOTILE	80% NON FIBROUS MATERIAL
3-1828R	31786699			
Layer 1:	Hard Material	Gray, Hard	20% CHRYSOTILE	80% NON FIBROUS MATERIAL
4-1828R	31786700			
Layer 1:	Fibrous Material	Black, Fibrous	None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL
5-1828R	31786701			
Layer 1:	Fibrous Material	Black, Fibrous	None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL

Total Number of Pages In Report: 7

Results relate only to samples as received by the laboratory. Visit www.slabinc.com for current certifications.

Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement. The EPA states that any asbestos found in vermiculite is a concern and the sample should be treated as asbestos containing material.

Account - Workorder 4001-13-866 (Continued) Page 2 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
6-1828R	31786702			
Layer 1:		Fibrous Material Black, Fibrous	None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL
7-1828R	31786703			
Layer 1:		Flooring White, Organically Bound	None Detected	100% NON FIBROUS MATERIAL
8-1828R	31786704			
Layer 1:		Flooring Brown, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
9-1828R	31786705			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
10-1828R	31786706			
Layer 1:		Flooring Brown, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
11-1828R	31786707			
Layer 1:		Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
12-1828R	31786708			
Layer 1:		Granular Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
13-1828R	31786709			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
14-1828R	31786710			
Layer 1:		Flooring Beige, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL

Total Number of Pages in Report: 7

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Account - Workorder 4001-13-866 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
15-1828R	31786711			
Layer 1:		Flooring Brown, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
16-1828R	31786712			
Layer 1:		Flooring Yellow, Org.Bound/Fibrous	15% CHRYSOTILE	85% NON FIBROUS MATERIAL
17-1828R	31786713			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
18-1828R	31786714			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
19-1828R	31786715			
Layer 1:		Fibrous Material Brown, Fibrous	None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
20-1828R	31786716			
Layer 1:		Flooring Gray, Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
21-1828R	31786717			
Layer 1:		Fibrous Material gt, Fibrous	None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
22-1828R	31786718			
Layer 1:		Fibrous Material Gray, Fibrous	None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
23-1828R	31786719			
Layer 1:		Fibrous Material Gray, Fibrous	None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

Total Number of Pages In Report: 7

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Account - Workorder 4001-13-866 (Continued) Page 4 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results Asbestos Fibers	Other Materials
24-1828R	31786720			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
25-1828R	31786721			
Layer 1:		Plaster Gray, Granularw	None Detected	100% NON FIBROUS MATERIAL
Layer 2:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
26-1828R	31786722			
Layer 1:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 2:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 3:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 4:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 5:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 6:		Skim Coat Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
27-1828R	31786723			
Layer 1:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 2:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL

Total Number of Pages In Report: 7

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Account - Workorder 4001-13-866 (Continued) Page 5 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
28-1828R	31786724			
Layer 1:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 2:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
29-1828R	31786725			
Layer 1:		Plaster Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
Layer 2:		Skim Coat White, Granular	None Detected	100% NON FIBROUS MATERIAL
30-1828R	31786726			
Layer 1:		Textured Material Gray, Granular	None Detected	100% NON FIBROUS MATERIAL
31-1828R	31786727			
Layer 1:		Textured Material White, Granular	None Detected	100% NON FIBROUS MATERIAL
32-1828R	31786728			
Layer 1:		Textured Material White, Granular	None Detected	100% NON FIBROUS MATERIAL
33-1828R	31786729			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
34-1828R	31786730			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
35-1828R	31786731			
Layer 1:		Flooring Gray, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL

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Account - Workorder 4001-13-866 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results: Asbestos Fibers	PLM Analysis Results: Other Materials
36-1828R	31786732			
Layer 1:		Flooring Yellow/Black, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
37-1828R	31786733			
Layer 1:		Flooring Yellow/Black, Org.Bound/Fibrous	None Detected	100% NON FIBROUS MATERIAL
38-1828R	31786734			
Layer 1:		Flooring Yellow/Black, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
39-1828R	31786735			
Layer 1:		Drywall White, Powdery	None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:		Joint Compound Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
40-1828R	31786736			
Layer 1:		Drywall White, Powdery	None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:		Joint Compound Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
41-1828R	31786737			
Layer 1:		Drywall White, Powdery	None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:		Joint Compound Beige, Granular	None Detected	100% NON FIBROUS MATERIAL
42-1828R	31786738			
Layer 1:		Flooring Brown, Org.Bound/Fibrous	None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL

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Account - Workorder 4001-13-866 (Continued) Page 7 (Continued)

Client Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results Asbestos Fibers	Other Materials
43-1828R	31786739			
Layer 1:		Flooring White, Organically Bound	None Detected	100% NON FIBROUS MATERIAL

Analyst: **Ali Musa**

Reviewed By: **Hind Eldanaf, Microscopy Supervisor**

Total Number of Pages in Report: 7

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WO WorkOrderKey V: \ 938 \ 938001

Submitting Co.	Harenda Management Group	Lab Use-WO #	
		Acct #	4001
P.O. Box 511305		Phone #	414-383-4800
New Berlin, WI 53151		Fax # & E-mail	414-383-4805 djacobsen@harenda.com
Project Name:	DNS	Special Instructions [include requests for special reporting or data packages]	
Project Location:		DO NOT ANALYZE MASTICS	
Project Number:	13-0105, 1828R		
PO Number:		State Of Collection	WI

Turnaround Time (Check ONE)
- ☐ 2 hours*
- ☐ Same day*
- ☐ 1 business day*
- ☐ 2 business day*
- ☐ 3 business days*
- ☒ 5 business days*
- ☐ Full TCLP (10d)
- ☐ Weekend*

* not available for all tests.

Schedule rush organics, multi-metals & weekend tests in advance.

Matrix Sample Type (Select ONE)

All samples on form should be of SAME matrix type. Use additional forms as needed.

- ☐ Air
- ☐ Aqueous
- ☒ Bulk
- ☐ Hi-Vol Filter (PM10)
- ☐ Hi-Vol Filter (TSP)
- ☐ Oil
- ☐ Paint
- ☐ Sludge
- ☐ Soil
- ☐ Solid
- ☐ Waste
- ☐ Wastewater
- ☐ Water,Drinking
- ☐ Compliance
- ☐ Wipe
- ☐ Wipe, Composite
- ☐ _____

Types of Analyses (Select ALL that Apply)

Asbestos Air Fiber Counts
- ☐ PCM (NIOSH 7400)
- ☐ TEM (AHERA)
- ☐ TEM (EPA Level II)
- ☐

Asbestos Bulk Analysis
- ☒ PLM (EPA 600, 1982)
- ☐ PLM (EPA Point Count)
- ☐ PLM (Qualitative only)
- ☐ NYELAP 198.1/.4/.6
- ☐ CAELAP (EPA Interim)
- ☐ TEM (Chatfield)
- ☐

FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED:

Metals Total Conc.
- ☐ Lead
- ☐ RCRA Metals
- ☐ _____

Metals Extract
- ☐ TCLP / Lead
- ☐ TCLP / RCRA Metals
- ☐ TCLP / Full (w/ organics)

Others
- ☐

Miscellaneous Dust Tests
- ☐ Total Dust (NIOSH 0500)
- ☐ Resp. Dust (NIOSH 0600)
- ☐ Silica - FTIR (NIOSH 7602)
- ☐ Silica - XRD (NIOSH 7500)
- ☐

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type[1] A,B,P,E	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total[4] Air Vol
1-1828R										
2-1828R										
3-1828R										
4-1828R										
5-1828R										
6-1828R										
7-1828R										
8-1828R										
9-1828R										
10-1828R										
11-1828R										
12-1828R										

[1]Type: A=area B=blank P=personal E=excursion [2]Beginning/End of Sample Period [3]Pump Calibration in Liters/minute [4]Volume in Liters (Time in min * flow in L/min)

RECEIVED FEB 18 2013 BY: TINA BLADDAIU

Sampled by	Relinquished to lab by	
NAME	Dean Jacobsen	☒ FX ☐ UPS ☐ USM ☐ HD ☐ DB
SIGNATURE		WR: 8163C
DATE/TIME	2/16/13 17:00	

☐ Sample return requested ☐ Ambient temp ☐ Ice °C pH Cl ☐R ☐S ☐X

Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

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WO Label:

Submitting Co.	Harenda Management Group	Lab Use-WO #	
P.O. Box 511308		Acct #	4001
New Berlin, WI 53151		Phone # / Fax # & E-mail	414-383-4800 414-383-4805 djacobsen@harenda.com

Project Name:	ONS	Special Instructions (include requests for special reporting or data packages)	
Project Location:		DO NOT ANALYZE MASTICS	
Project Number:	13-0105.1828R		
PO Number:		State Of Collection	WI

Turn Around Time
- ☐ 2 hours*
- ☐ Same day*
- ☐ 1 business day*
- ☐ 2 business day*
- ☐ 3 business days*
- ☒ 5 business days*
- ☐ Full TCLP (10d)
- ☐ Weekend*

* not available for all tests

Schedule rush organics, multi-metals & weekend tests in advance.

Matrix/Sample Type (Select ONE)

All samples on form should be of SAME matrix type. Use additional forms as needed.

☐ Air	☐ Solid
☐ Aqueous	☐ Waste
☒ Bulk	☐ Wastewater
☐ Hi-Vol Filter (PM10)	☐ Water,Drinking
☐ Hi-Vol Filter (TSP)	☐ Compliance
☐ Oil	☐ Wipe
☐ Paint	☐ Wipe, Composite
☐ Sludge	☐ _____
☐ Soil	☐ _____

Tests / Analyses (Select ALL that Apply)

Asbestos Air / Fiber Counts
- ☐ PCM (NIOSH 7400)
- ☐ TEM (AHERA)
- ☐ TEM (EPA Level II)
- ☐ _____

Miscellaneous Tests
- ☐ Total Dust (NIOSH 0500)
- ☐ Resp. Dust (NIOSH 0600)
- ☐ Silica - FTIR (NIOSH 7602)
- ☐ Silica - XRD (NIOSH 7500)
- ☐ _____

Asbestos Bulk Analysis
- ☒ PLM (EPA 600, 1982)
- ☐ PLM (EPA Point Count)
- ☐ PLM (Qualitative only)
- ☐ NYELAP 198.1/.4/.6
- ☐ CAELAP (EPA Interim)
- ☐ TEM (Chatfield)
- ☐ _____

FOR ASBESTOS AIR:
TYPE OF RESPIRATOR USED:

Metals Analysis
- ☐ Lead
- ☐ RCRA Metals
- ☐ _____
- ☐ _____

Metals - TCLP
- ☐ TCLP / Lead
- ☐ TCLP / RCRA Metals
- ☐ TCLP / Full (w/ organics)

Organics
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type[1] A,B,P,E	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total[4] Air Vol
13-1828R										
14-1828R										
15-1828R										
16-1828R										
17-1828R										
18-1828R										
19-1828R										
20-1828R										
21-1828R										
22-1828R										
23-1828R										
24-1828R										

[1]Type: A=area B=blank P=personal E=excursion [2]Beginning/End of Sample Period [3]Pump Calibration in Liters/Minute [4]Volume in Liters (time in min * flow in L/min)

Sampled by
NAME _____
SIGNATURE _____
DATE/TIME _____

Relinquished to lab by
NAME Dean Jacobsen
SIGNATURE _____
DATE/TIME 2/15/13 17:00

☐ FX ☐ UPS ☐ USM ☒ HD ☐ DB

WB: _____

☐ Sample return requested ☐ Ambient temp ☐ Ice °C pH Cl ☐R ☐S ☐X

Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

SCHNEIDER LABORATORIES, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

WO Label:

Submitting Co.	Harenda Management Group	Lab Use- WO #	
P.O. Box 511305		Acct #	4001
New Berlin, WI 53151		Phone #	414-383-4800
		Fax # & E-mail	414-383-4805 djacobsen@harenda.com

Project Name:	DNS	Special Instructions (include requests for special reporting or data packages)	
Project Location:		DO NOT ANALYZE MASTICS	
Project Number:	13-0106, 1828R		
PO Number:		State Of Collection	WI

Turn Around Time
- ☐ 2 hours*
- ☐ Same day*
- ☐ 1 business day*
- ☐ 2 business day*
- ☐ 3 business days*
- ☒ 5 business days*
- ☐ Full TCLP (10d)
- ☐ Weekend*

* not available for all tests

Schedule rush organics, multi-metals & weekend tests in advance.

Matrix / Sample Type (Select ONE)

All samples on form should be of SAME matrix type. Use additional forms as needed.

- ☐ Air
- ☐ Aqueous
- ☒ Bulk
- ☐ HI-Vol Filter (PM10)
- ☐ HI-Vol Filter (TSP)
- ☐ Oil
- ☐ Paint
- ☐ Sludge
- ☐ Soil
- ☐ Solid
- ☐ Waste
- ☐ Wastewater
- ☐ Water, Drinking
- ☐ Compliance
- ☐ Wipe
- ☐ Wipe, Composite
- ☐ _____

Tests / Analyses (Select All that Apply)

Asbestos Air Fiber Counts
- ☐ PCM (NIOSH 7400)
- ☐ TEM (AHERA)
- ☐ TEM (EPA Level II)
- ☐

Miscellaneous Tests
- ☐ Total Dust (NIOSH 0500)
- ☐ Resp. Dust (NIOSH 0600)
- ☐ Silica - FTIR (NIOSH 7602)
- ☐ Silica - XRD (NIOSH 7500)
- ☐

Asbestos Bulk / Ash
- ☒ PLM (EPA 600, 1982)
- ☐ PLM (EPA Point Count)
- ☐ PLM (Qualitative only)
- ☐ NYELAP 198.1/.4/.6
- ☐ QAELAP (EPA Interim)
- ☐ TEM (Chatfield)
- ☐

FOR ASBESTOS AIR:
TYPE OF RESPIRATOR USED:

Metals Total (CHECK)
- ☐ Lead
- ☐ RCRA Metals
- ☐ _____
- ☐

Metals EXTRACT
- ☐ TCLP / Lead
- ☐ TCLP / RCRA Metals
- ☐ TCLP / Full (w/ organics)

Others
- ☐

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wipe Area (ft²)	Type[1] A,B,P,E	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total[4] Air Vol
25-1828R										
26-1828R										
27-1828R										
28-1828R										
29-1828R										
30-1828R										
31-1828R										
32-1828R										
33-1828R										
34-1828R										
35-1828R										
36-1828R										

[1]Type: Asbes Beblank Paperasonal Bexcursion [2]Beginning/End of Sample Period [3]Pump Calibration in Liters/Minute [4]Volume in Liters (time in min * flow in L/min)

Sampled by	Relinquished to lab by	
NAME	NAME Dean Jacobsen	☐ FX ☐ UPS ☐ USM ☐ HD ☐ DB
SIGNATURE	SIGNATURE	
DATE/TIME	DATE/TIME 2/15/13 17:00	WB:

☐ Sample return requested ☐ Ambient temp ☐ Ice °C pH Cl ☐R ☐S ☐X

Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

SCHNEIDER LABORATORIES, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

WO Label:

Submitting Co.	Harenda Management Group	Lab Use-WO #	
P.O. Box 511305		Acct #	4001
New Berlin, WI 53151		Phone # / Fax # & E-mail	414-383-4800 414-383-4805 djacobsen@harenda.com

Project Name:	DNS	Special Instructions [include requests for special reporting or data packages]	
Project Location:		DO NOT ANALYZE MASTICS	
Project Number:	13-0105. 1828R		
PO Number:		State Of Collection	WI

Turn Around Time
- ☐ 2 hours*
- ☐ Same day*
- ☐ 1 business day*
- ☐ 2 business day*
- ☐ 3 business days*
- ☒ 5 business days*
- ☐ Full TCLP (10d)
- ☐ Weekend*

* not available for all tests

Schedule rush organics, multi-metals & weekend tests in advance.

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- ☐ Oil
- ☐ Paint
- ☐ Sludge
- ☐ Soil
- ☐ Solid
- ☐ Waste
- ☐ Wastewater
- ☐ Water,Drinking
- ☐ Compliance
- ☐ Wipe
- ☐ Wipe, Composite
- ☐ _____

Test / Analysis (Select ALL that Apply)

Asbestos Air / Bulk Content
- ☐ PCM (NIOSH 7400)
- ☐ TEM (AHERA)
- ☐ TEM (EPA Level II)
- ☐

Miscellaneous Tests
- ☐ Total Dust (NIOSH 0500)
- ☐ Resp. Dust (NIOSH 0600)
- ☐ Silica - FTIR (NIOSH 7602)
- ☐ Silica - XRD (NIOSH 7500)
- ☐

Asbestos Air / Bulk Content
- ☒ PLM (EPA 600, 1982)
- ☐ PLM (EPA Point Count)
- ☐ PLM (Qualitative only)
- ☐ NYELAP 198.1/.4/.6
- ☐ CAELAP (EPA Interim)
- ☐ TEM (Chatfield)
- ☐

FOR ASBESTOS AIR:
TYPE OF RESPIRATOR USED:

Metals Content
- ☐ Lead
- ☐ RCRA Metals
- ☐ _____
- ☐

Metals Extract
- ☐ TCLP / Lead
- ☐ TCLP / RCRA Metals
- ☐ TCLP / Full (w/ organics)

Other
- ☐

Sample #	Date Sampled	Time Sampled	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wiped Area (ft²)	Type[1] A,B,P,E	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total[4] Air Vol
37-1828R										
38-1828R										
39-1828R										
40-1828R										
41-1828R										
42-1828R										
43-1828R										

[1]Type: A=area B=blank P=personal E=excursion [2]Beginning/End of Sample Period [3]Pump Calibration in Liters/Minute [4]Volume in Liters (time in min * flow in L/min)

Sampled by	Relinquished to lab by	
NAME	NAME Dean Jacobsen	☐ FX ☐ UPS ☐ USM ☐ HD ☐ DB
SIGNATURE	SIGNATURE	WB:
DATE/TIME	DATE/TIME 2/15/13 17:00	

☐ Sample return requested ☐ Ambient temp ☐ Ice °C pH Cl ☐R ☐S ☐X

Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

w/p

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

One Family Front Dwelling
1729 South 14th 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.: 13-2000-068.1729
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

October 2013

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the front dwelling at 1729 South 14th Street, Milwaukee, Wisconsin.

The inspection included plaster, drywall/joint compound, window glazing compound, linoleum, tar paper, ceiling tile, fiberboard, blown in insulation, and ceramic tile to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M.*

II. BUILDING SURVEY

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

On October 8, 2013, HMG conducted an asbestos inspection of a one family front dwelling, scheduled for mechanical demolition, located at 1729 South 14th Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, drywall/joint compound, window glazing compound, linoleum, tar paper, ceiling tile, fiberboard, blown in insulation, and ceramic tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-1729	1st floor – front hall – west wall – plaster	Negative	N/A	SPl
2-1729a	1st floor – living room – north wall – patch layer	Negative	N/A	SPl
2-1729b	1st floor – living room – north wall – plaster	Negative	N/A	SPl
3-1729	1st floor – southeast bedroom – east wall – plaster	Negative	N/A	SPl
4-1729	1st floor – kitchen – ceiling – plaster	Negative	N/A	SPl
5-1729	1st floor – north bedroom – north wall – plaster	Negative	N/A	SPl
6-1729a	1st floor – bathroom – south wall – joint compound	Negative	N/A	MDW
6-1729b	1st floor – bathroom – south wall – drywall	Negative	N/A	MDW
7-1729a	Basement – stair – ceiling – joint compound	Negative	N/A	MDW
7-1729b	Basement – stair – ceiling – drywall	Negative	N/A	MDW
8-1729a	Basement – north wall – joint compound	Negative	N/A	MDW
8-1729b	Basement – north wall – drywall	Negative	N/A	MDW
9-1729	1st floor – southeast bedroom – south bedroom – glazing compound	Negative	N/A	MPG
10-1729	1st floor – living room – south bedroom – glazing compound	Negative	N/A	MPG
11-1729	Basement – south bedroom – glazing compound	Negative	N/A	MPG
12-1729	1st floor – hall – blue linoleum	Negative	N/A	MFLb
13-1729	1st floor – kitchen south side – blue linoleum	Negative	N/A	MFLb
14-1729	1st floor – kitchen north side – blue linoleum	Negative	N/A	MFLb
15-1729	1st floor – pantry – cream linoleum	Negative	N/A	MFLc
16-1729	1st floor – bathroom – cream linoleum	Negative	N/A	MFLc
17-1729	1st floor – bathroom – cream linoleum	Negative	N/A	MFLc
18-1729	1st floor – kitchen west side – white ceiling tile	Negative	N/A	MSCTw
19-1729	1st floor – kitchen east side – white ceiling tile	Negative	N/A	MSCTw
20-1729	1st floor – kitchen center – white ceiling tile	Negative	N/A	MSCTw
21-1729	1st floor – kitchen – west side above ceiling tile – fiberboard	Negative	N/A	MFB
22-1729	1st floor – kitchen – east side above ceiling tile – fiberboard	Negative	N/A	MFB
23-1729	1st floor – kitchen – center above ceiling tile – fiberboard	Negative	N/A	MFB
24-1729	Attic – under floor – blown in insulation	Negative	N/A	MBI
25-1729	Attic – under floor – blown in insulation	Negative	N/A	MBI
26-1729	Attic – under floor – blown in insulation	Negative	N/A	MBI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
27-1729a	1st floor – bathroom floor – white ceramic tile	Negative	N/A	MCTMw
27-1729b	1st floor – bathroom floor – grout	Negative	N/A	MCTMw
28-1729a	1st floor – bathroom wall – white and blue ceramic tile	Negative	N/A	MCTMwb
28-1729b	1st floor – bathroom wall – grout	Negative	N/A	MCTMwb

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,400 Sq. Ft.
1st	Kitchen/Bathroom/Hall/Pantry	Floor Mastic	370 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MFLb	Blue Linoleum
MFLc	Cream Linoleum
MSCTw	White Ceiling Tile
MFB	Fiberboard
MBI	Blown in Insulation
MCTMw	White Ceramic Tile
MCTMwb	White & Blue Ceramic Tile

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – Living Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 227934
Account Number: B929
Date Received: 10/10/2013
Received By: Joanna Mueller
Date Analyzed: 10/11/2013
Analyzed By: Gayle Ooten
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: 13-2000-068.1729

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1-1729	Homogeneous	White Plaster	Asbestos Not Present	Hair	3	Quartz CaCO3
002	2-1729	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3
002a		Layered	Gray Plaster	Asbestos Not Present	NA		Quartz CaCO3
003	3-1729	Homogeneous	White Plaster	Asbestos Not Present	NA		Gypsum Perlite
004	4-1729	Homogeneous	White Plaster	Asbestos Not Present	Hair	4	Quartz CaCO3
005	5-1729	Homogeneous	White Plaster	Asbestos Not Present	Hair	6	Quartz CaCO3
006	6-1729	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 227934
Account Number: B929
Date Received: 10/10/2013
Received By: Joanna Mueller
Date Analyzed: 10/11/2013
Analyzed By: Gayle Ooten
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: 13-2000-068.1729

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
006a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
007	7-1729	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
007a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
008	8-1729	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
008a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
009	9-1729	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA		CaCO3
010	10-1729	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA		CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 227934
Account Number: B929
Date Received: 10/10/2013
Received By: Joanna Mueller
Date Analyzed: 10/11/2013
Analyzed By: Gayle Ooten
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: 13-2000-068.1729

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11-1729	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
012	12-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
013	13-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
014	14-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
015	15-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
016	16-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
017	17-1729	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 227934
Account Number: B929
Date Received: 10/10/2013
Received By: Joanna Mueller
Date Analyzed: 10/11/2013
Analyzed By: Gayle Ooten
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: 13-2000-068.1729

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
018	18-1729	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint
019	19-1729	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint
020	20-1729	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint
021	21-1729	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Paint
022	22-1729	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Paint
023	23-1729	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Paint
024	24-1729	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 227934
Account Number: B929
Date Received: 10/10/2013
Received By: Joanna Mueller
Date Analyzed: 10/11/2013
Analyzed By: Gayle Ooten
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: 13-2000-068.1729

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
025	25-1729	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder
026	26-1729	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	99	Binder
027	27-1729	Layered	White Ceramic Tile	Asbestos Not Present	NA		Clay
027a		Layered	Gray Grout	Asbestos Not Present	NA		Quartz CaCO3
028	28-1729	Layered	White Ceramic Tile	Asbestos Not Present	NA		Clay
028a		Layered	White Grout	Asbestos Not Present	NA		CaCO3

Gayle Ooten, Analyst

10/11/2013
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Laboratory Use Only
Lab No. 22 1939
Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	13-2000-068.1729
P.O. Number:	

Results Reported Via:
- ☐ QuanTEM Website
- ☑ Other email

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	10/9/13 1200	Fed Ex		10/10/13 1032

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments
1	1-1729	☑				
2	2-1729	☐				
3	3-1729	☐				
4	4-1729	☐				
5	5-1729	☐				
6	6-1729	☐				
7	7-1729	☐				
8	8-1729	☐				
9	9-1729	☐				
10	10-1729	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. 220934
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-1729	☑				
12	12-1729	☐				Do Not Analyze Mastic
13	13-1729	☐				↓
14	14-1729	☐				
15	15-1729	☐				
16	16-1729	☐				
17	17-1729	☐				
18	18-1729	☐				
19	19-1729	☐				
20	20-1729	☐				
21	21-1729	☐				
22	22-1729	☐				
23	23-1729	☐				
24	24-1729	☐				
25	25-1729	☐				
26	26-1729	☐				
27	27-1729	☐				Do Not Analyze Mastic
28	28-1729	☑				↓
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

VIII. LABORATORY RESULTS

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Demicca Andrea Marie Coe
225 N Hawley Rd
Milwaukee WI 53213-4232

		150 lbs	5' 01"
AII-156385	Exp: 09/26/2013	09/08/1971	Female

Training due by: 09/26/2013

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Three Family Dwelling
2756 North 21st Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 14-200-061.2756
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2756 North 21st Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On March 20, 2014 HMG conducted an asbestos inspection of a three family dwelling and garage, scheduled for mechanical demolition, located at 2756 North 21st 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 materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, stucco, tar paper, drywall/joint compound, duct paper, aircell pipe insulation, window glazing compound, paper insulation, linoleum, leveling compound, and ceramic tile. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	Exterior – south wall on brick foundation – stucco skim coat	Negative	N/A	STC
1b	Exterior – south wall on brick foundation – stucco base coat	Negative	N/A	STC
1c	Exterior – south wall on brick foundation – stucco yellow layer	Negative	N/A	STC
2a	Exterior – south wall on brick foundation – stucco skim coat	Negative	N/A	STC
2b	Exterior – south wall on brick foundation – stucco base coat	Negative	N/A	STC
3a	Exterior – north wall on brick foundation – stucco skim coat	Negative	N/A	STC
3b	Exterior – north wall on brick foundation – stucco base coat	Negative	N/A	STC
4	Exterior – northwest wall on brick foundation – stucco #2	Negative	N/A	STC2
5	Exterior – north wall under wood siding – tar paper	Negative	N/A	MPT
6	Exterior – south wall under wood siding – tar paper	Negative	N/A	MPT
7	Exterior – west wall under wood siding – tar paper	Negative	N/A	MPT
8	Attic – bedroom – north wall – drywall	Negative	N/A	MDW
9	1st floor – living room – north wall – drywall	Negative	N/A	MDW
10a	1st floor – dining room – south wall – joint compound	Negative	N/A	MDW
10b	1st floor – dining room – south wall – drywall	Negative	N/A	MDW
11a	2nd floor – living room – east wall – joint compound #2	Negative	N/A	MDW2
11b	2nd floor – living room – east wall – drywall #2	Negative	N/A	MDW2
12	2nd floor – dining room – west wall – drywall #3	Negative	N/A	MDW3
13	**2nd floor – bedroom – on duct – duct paper** ***Quantity includes basement ducts***	**Positive 70% Chrysotile**	**30 Sq. Ft.**	**TDW**
14	**Basement - <5" diameter aircell pipe insulation**	**Positive 40% Chrysotile**	**30 Ln. Ft.**	**TA5**
15	1st floor – bedroom – on window – glazing compound	Negative	N/A	MPG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
16	2nd floor – living room – on window – glazing compound	Negative	N/A	MPG
17	2nd floor – stair – on window – glazing compound	Negative	N/A	MPG
18a	1st floor – front entry – under floor tile – paper insulation	Negative	N/A	MPI
18b	1st floor – front entry – under floor tile – leveling compound	Negative	N/A	MPI
24	1st floor – front entry – north wall – plaster	Negative	N/A	SPl
25	1st floor – stair – north wall – plaster	Negative	N/A	SPl
26a	2nd floor – stair – north wall – patch layer	Negative	N/A	SPl
26b	2nd floor – stair – north wall – plaster	Negative	N/A	SPl
27	2nd floor – pantry – east wall – plaster	Negative	N/A	SPl
28	2nd floor – bathroom – south wall – plaster	Negative	N/A	SPl
29a	1st floor – bathroom – ceiling – texture	Negative	N/A	STX
29b	1st floor – bathroom – ceiling – texture layer 2	Negative	N/A	STX
29c	1st floor – bathroom – ceiling – texture layer 3	Negative	N/A	STX
30a	1st floor – hall – tan linoleum	Negative	N/A	MFLt
30b	1st floor – hall – under linoleum – tar paper	Negative	N/A	MFLt
30c	1st floor – hall – under tar paper – leveling compound	Negative	N/A	MFLt
31a	2nd floor – east bedroom – ceiling – texture #2	Negative	N/A	STX2
31b	2nd floor – east bedroom – ceiling – texture #2 layer 2	Negative	N/A	STX2
32	2nd floor – east bedroom – ceiling – texture #2	Negative	N/A	STX2
32	2nd floor – east bedroom – ceiling – texture #2 layer 2	Negative	N/A	STX2
33	2nd floor – bathroom – ceiling – texture #2	Negative	N/A	STX2
33	2nd floor – bathroom – ceiling – texture #2 layer 2	Negative	N/A	STX2
34	2nd floor – kitchen – top layer – brown linoleum	Negative	N/A	MFLn
35	2nd floor – pantry – top layer – brown linoleum	Negative	N/A	MFLn
36	2nd floor – living room – top layer – brown linoleum	Negative	N/A	MFLn
37	2nd floor – bathroom floor – ceramic tile	Negative	N/A	MCTM
38a	2nd floor – bathroom floor – under ceramic tile – leveling compound	Negative	N/A	MLC
38b	2nd floor – bathroom floor – under ceramic tile – leveling compound layer 2	Negative	N/A	MLC

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,000 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	2,500 Sq. Ft.
1st	All Rooms	Floor Tile & Mastic	1,000 Sq. Ft.
1st	Hall/Bathroom	Floor Mastic	60 Sq. Ft.
2nd	Kitchen/Pantry/Stair/Living Room/Dining Room	Floor Tile & Mastic	700 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
STC2	Stucco #2
STX	Texture
STX	Texture #2
MPT	Tar Paper
MDW	Drywall/Joint Compound
MDW2	Drywall/Joint Compound #2
MDW3	Drywall/Joint Compound #3
MPG	Glazing Compound
MPI	Paper Insulation
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MCTM	Ceramic Tile
MLC	Leveling Compound
TA5	<5" Diameter Aircell Pipe Insulation
TDW	Duct Paper

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

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our Polarized Light Microscopy, unless otherwise specified by the client. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the

preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

3	Old Thermostats - 1st & 2nd Floor Living Rooms
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
2	Oil Tanks – Basement
N/A	Well Abandonment
1	Junk Auto Tires – Basement
N/A	Junk Vehicles

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 233403
Account Number: B929

Date Received: 03/26/2014
Received By: Joanna Mueller
Date Analyzed: 03/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2756

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
001a		Layered	Brown Stucco	Asbestos Not Present	NA	Sand CaCO3
001b		Layered	Yellow Stucco	Asbestos Not Present	NA	Sand Gypsum
002	2	Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
002a		Layered	White Stucco	Asbestos Not Present	NA	Sand CaCO3
003	3	Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
003a		Layered	Yellow Stucco	Asbestos Not Present	NA	Sand CaCO3

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

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Milwaukee, WI 53204

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Project Location: Milwaukee, WI
Project Number: 14-200-061.2756

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
004	4	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
006	6	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
007	7	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
008	8	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
009	9	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum
010	10	Layered	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3

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
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
011	11	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
012	12	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum
013	13	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 70	Cellulose	10	Binder
014	14	Homogeneous	White Insulation	Asbestos Present Chrysotile 40	Cellulose	50	Binder
015	15	Homogeneous	Tan Putty	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
016	16	Homogeneous	White Caulk	Asbestos Not Present	NA		Binder
017	17	Homogeneous	White Caulk	Asbestos Not Present	NA		Binder
018	18	Layered	Black Mastic	Asbestos Not Present	NA		Tar
018a		Layered	Black Tar Paper	Asbestos Not Present	Glass Fiber	60	Tar
018b		Layered	Black Mastic	Asbestos Not Present	NA		Tar
018c		Layered	White Leveling Compound	Asbestos Not Present	NA		CaCO3
019	24	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	3	Sand CaCO3

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
020	25	Homogeneous	Gray Plaster	Asbestos Not Present	Hair 2	Sand CaCO3
021	26	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
021a		Layered	White Sheetrock	Asbestos Not Present	NA	Gypsum
022	27	Homogeneous	Gray Plaster	Asbestos Not Present	Hair 3	Sand CaCO3
023	28	Homogeneous	Gray Plaster	Asbestos Not Present	Hair <1	Sand CaCO3
024	29	Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
024a		Layered	White Texture	Asbestos Not Present	NA	Gypsum Perlite

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 233403
Account Number: B929

Date Received: 03/26/2014
Received By: Joanna Mueller
Date Analyzed: 03/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2756

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024b		Layered	Tan Texture	Asbestos Not Present	NA	CaCO3
025	30	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
025a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
025b		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3
026	31	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
026a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
027	32	Layered	White Texture	Asbestos Not Present	NA	Gypsum CaCO3 Paint

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2756

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
027a		Layered	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3 Paint
028	33	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
028a		Layered	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3
029	34	Homogeneous	Tan Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl
030	35	Homogeneous	Tan Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl
031	36	Homogeneous	Tan Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl
032	37	Homogeneous	Red Grout	Asbestos Not Present	NA		Sand CaCO3

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 233403
Account Number: B929

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

Date Received: 03/26/2014
Received By: Joanna Mueller
Date Analyzed: 03/27/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2756

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
033	38	Layered	White Skim Coat	Asbestos Not Present	NA		Sand CaCO3
033a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber	2	Sand Gypsum

Cristal Veech, Analyst

3/27/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No 233403
Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.2756
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/24/14 1800	FedEx	[signature]	3-26-14 9:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

upgraded to 24 hour

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 233403	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	24	☐				
20	25	☐				
21	26	☐				
22	27	☐				
23	28	☐				
24	29	☐				
25	30	☐				Do Not Test Mastic
26	31	☐				
27	32	☐				
28	33	☐				
29	34	☐				
30	35	☑				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 233403
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	36	☒				Do Not Test/Mastic
32	37	☐				
33	38	☑				
34		☐				
35		☐				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
SUPPLEMENTAL

Job Site:

Three Family Dwelling
1926-28 North 26th 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.: 13-2000-068.1926S
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2013

TABLE OF CONTENTS

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 materials in the dwelling at 1926-28 North 26th 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 2013, five samples of plaster surfacing had been collected and analyzed for asbestos by polarized light microscopy (PLM). One sample, collected from the 1st floor living room south wall, contained 3% actinolite/tremolite. HMG recommended to the City of Milwaukee Department of Neighborhood Services 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 15, 2013, HMG conducted a supplemental asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 1926-28 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.

During the initial inspection, plaster had been identified in all 1st and 2nd floor rooms, the basement stair and ceiling, and the attic stair. Samples had been collected from the 1st floor living room, bathroom, and west bedroom, the 2nd floor kitchen, and the basement. The approximate quantity of plaster is 9,000 sq. ft.

Additional plaster samples were collected from each of the other rooms that have plaster plus the additional plaster surfaces in the 1st floor living room. If at least one plaster sample had previously been collected from other rooms, 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, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents. The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
44-1926a	1st floor – living room – west wall – plaster skim coat	Negative	N/A	SPI
44-1926b	1st floor – living room – west wall – plaster skim coat 2	Negative	N/A	SPI
44-1926c	1st floor – living room – west wall – plaster base coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
44-1926c	**POINT COUNT RESULT**	**Positive 1.50% Actinolite/ Tremolite**	**550 Sq. Ft.**	**SPI**
45-1926a	1st floor – living room – north wall – plaster skim coat	Negative	N/A	SPI
45-1926b	1st floor – living room – north wall – plaster skim coat 2	Negative	N/A	SPI
45-1926c	1st floor – living room – north wall – plaster base coat	Positive 2% Actinolite/ Tremolite	N/A	SPI
45-1926c	**POINT COUNT RESULT**	**Positive 4.0% Actinolite/ Tremolite**	**Reference 44-1926c**	**SPI**
46-1926a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
46-1926b	1st floor – living room – east wall – plaster skim coat 2	Negative	N/A	SPI
46-1926c	1st floor – living room – east wall – plaster base coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
46-1926c	POINT COUNT RESULT	Trace 0.5% Actinolite/ Tremolite	N/A	SPI
47-1926a	1st floor – front entry – north wall – plaster skim coat	Negative	N/A	SPI
47-1926b	1st floor – front entry – north wall – plaster base coat	Negative	N/A	SPI
48-1926a	1st floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
48-1926b	1st floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
49-1926a	1st floor – hall – ceiling – plaster skim coat	Negative	N/A	SPI
49-1926b	1st floor – hall – ceiling – plaster base coat	Negative	N/A	SPI
50-1926a	1st floor – north bedroom – west wall – plaster skim coat	Negative	N/A	SPI
50-1926b	1st floor – north bedroom – west wall – plaster base coat	Negative	N/A	SPI
51-1926a	1st floor – dining room – south wall – plaster skim coat	Negative	N/A	SPI
51-1926b	1st floor – dining room – south wall – plaster base coat	Negative	N/A	SPI
52-1926a	1st floor – rear bathroom – east wall – plaster skim coat	Negative	N/A	SPI
52-1926b	1st floor – rear bathroom – east wall – plaster base coat	Negative	N/A	SPI
53-1926a	1st floor – rear kitchen – south wall – plaster skim coat	Negative	N/A	SPI
53-1926b	1st floor – rear kitchen – south wall – plaster base coat	Negative	N/A	SPI
54-1926a	1st floor – rear stair – west wall – plaster skim coat	Negative	N/A	SPI
54-1926b	1st floor – rear stair – west wall – plaster base coat	Negative	N/A	SPI
55-1926a	Attic – stair – east wall – plaster skim coat	Negative	N/A	SPI
55-1926b	Attic – stair – east wall – plaster base coat	Negative	N/A	SPI
56-1926a	2nd floor – east bedroom – north wall – plaster skim coat	Negative	N/A	SPI
56-1926b	2nd floor – east bedroom – north wall – plaster base coat	Negative	N/A	SPI
57-1926	2nd floor – bathroom – west wall – plaster	Trace <1% Actinolite/ Tremolite	N/A	SPI
57-1926	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	N/A	SPI
58-1926a	2nd floor – hall closet – south wall – plaster skim coat	Negative	N/A	SPI
58-1926b	2nd floor – hall closet – south wall – plaster base coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
59-1926a	2nd floor – north bedroom – east wall – plaster skim coat	Negative	N/A	SPI
59-1926b	2nd floor – north bedroom – east wall – plaster base coat	Negative	N/A	SPI
60-1926a	2nd floor – hall – north wall – plaster skim coat	Negative	N/A	SPI
60-1926b	2nd floor – hall – north wall – plaster base coat	Negative	N/A	SPI
61-1926	2nd floor – living room – south wall – plaster skim coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
61-1926	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	N/A	SPI
62-1926a	2nd floor – dining room – east wall – plaster skim coat	Negative	N/A	SPI
62-1926b	2nd floor – dining room – east wall – plaster base coat	Negative	N/A	SPI
63-1926a	2nd floor – west bedroom – west wall – plaster skim coat	Negative	N/A	SPI
63-1926b	2nd floor – west bedroom – west wall – plaster base coat	Negative	N/A	SPI
64-1926a	2nd floor – west closet – north wall – plaster skim coat	Negative	N/A	SPI
64-1926b	2nd floor – west closet – north wall – plaster base coat	Negative	N/A	SPI
65-1926a	2nd floor – front stair – north wall – plaster skim coat	Negative	N/A	SPI
65-1926b	2nd floor – front stair – north wall – plaster base coat	Negative	N/A	SPI
66-1926a	Basement - stair – east wall – plaster skim coat	Negative	N/A	SPI
66-1926b	Basement - stair – east wall – plaster base coat	Negative	N/A	SPI

Plaster results from initial inspection August 2013:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
4-1926a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPI
4-1926b	1st floor – living room – south wall – plaster base coat	**Positive 3% Actinolite/ Tremolite**	**Reference 44-1926c**	**SPI**
5-1926a	1st floor – west bedroom – west wall – plaster skim coat	Negative	N/A	SPI
5-1926b	1st floor – west bedroom – west wall – plaster base coat	Negative	N/A	SPI
6-1926a	2nd floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
6-1926b	2nd floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
7-1926a	1st floor – bathroom – east wall – plaster skim coat	Negative	N/A	SPI
7-1926b	1st floor – bathroom – east wall – plaster base coat	Negative	N/A	SPI
8-1926	Basement – ceiling – plaster skim coat	Negative	N/A	SPI

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

Asbestos containing plaster (SPl) observed in 1st floor living room west, north, and south walls, and ceiling.

Homogeneous Material Codes
SP1 Plaster

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.

Note#3: Asbestos containing linoleum, window glazing compound, ceramic tile, aircell, fittings, and duct paper were also identified during the initial inspection in August 2013.

Note#4: Estimated cost for asbestos containing plaster, linoleum, window glazing compound, ceramic tile, aircell, fittings, and duct paper removal.....

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 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.

VI. 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. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	44-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
001a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
001b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
002	45-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
002a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
002b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite 2	NA	CaCO3 Mica Gypsum
003	46-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3

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

QUANTEM® LABORATORIES

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

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Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
003a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
003b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
004	47-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
004a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber 3 Hair 3	Quartz CaCO3
005	48-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
005a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber <1 Hair 2	Quartz CaCO3
006	49-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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

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

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Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	Quartz CaCO3
007	50-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
007a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3
008	51-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
008a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Mica Gypsum
009	52-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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

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

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Mica Gypsum
010	53-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
010a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
011	54-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
011a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3
012	55-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
012a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber 2 Hair 3	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	56-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
013a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3
014	57-1926	Homogeneous	Tan Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
015	58-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
015a		Layered	Tan Plaster	Asbestos Not Present	Cellulose <1	Quartz CaCO3
016	59-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
016a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
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Date Received: 08/16/2013
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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	60-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
017a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
018	61-1926	Homogeneous	Tan Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
019	62-1926	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
019a		Layered	Tan Plaster	Asbestos Not Present	NA	CaCO3 Mica Gypsum
020	63-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
020a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	64-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
021a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	Quartz CaCO3
022	65-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
022a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber <1 Hair 2	Quartz CaCO3
023	66-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
023a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2 Hair 3	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Cristal Veech, Analyst

8/21/2013
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	225602
Accept / Reject	Accept

Contact Information			Project Information		Report Results (☑ one box)
Company:	Harenda Management Group	Phone: (414) 383-4800	Project Name:	DNS	☐ QuanTEM Website
Contact:	Dean Jacobsen	Cell Phone:	Project Location:	Milwaukee, WI	☑ Other email
Account #:	B929	E-mail: djacobsen@harenda.com	Project ID:	13-2000-068.1926	
SAMPLED BY:	Name:	Date:	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	8/15/13 1800	FedEx	S Leftwich	8/16/13 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	44-1926	☑				
2	45-1926	☐				
3	46-1926	☐				
4	47-1926	☐				
5	48-1926	☐				
6	49-1926	☐				
7	50-1926	☐				
8	51-1926	☐				
9	52-1926	☐				
10	53-1926	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 225602
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	54-1926	☑				
12	55-1926	☑				
13	56-1926	☑				
14	57-1926	☑				
15	58-1926	☑				
16	59-1926	☑				
17	60-1926	☑				
18	61-1926	☑				
19	62-1926	☑				
20	63-1926	☑				
21	64-1926	☑				
22	65-1926	☑				
23	66-1926	☑				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225865
Account Number: B929
Date Received: 08/22/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/23/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: PT CT for 225602, DNS
Project Location: N/A
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	44-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 1.50 400 Point Count	NA	
002	45-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 4.0 400 Point Count	NA	
003	46-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 0.50 400 Point Count	NA	
004	57-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
005	61-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Cristal Veech, Analyst

8/23/2013
Date of Report

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

QUANTEM LABORATORIES
www.QuanTEM.com

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 225865
Accept Reject

Contact Information			Project Information		Report Results (☑ one box)
Company: Harenda Management Group	Phone: (414) 383-4800		Project Name: DNS		☐ QuanTEM Website
Contact: Dean Jacobsen	Cell Phone:		Project Location: Milwaukee, WI		☑ Other email
Account #: B929	E-mail: djacobsen@harenda.com		Project ID: 13-2000-068.1926		
SAMPLED BY: Name:	Date:		P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	8/22/13 1230	Email	S Lightwick	8/22/13 12:31

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (20 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	44-1926	☒		Gray Plaster		Quantem Lab No: 225602
2	45-1926	☐		Gray Plaster		
3	46-1926	☐		Gray Plaster		
4	57-1926	☐				
5	61-1926	☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

VII. HMG CERTIFICATION

w/c

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Three Family Dwelling
1926-28 North 26th 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.: 13-2000-068.1926
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2013

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 1926-28 North 26th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, paper insulation, linoleum, drywall/joint compound, ceramic tile, fiberboard, blown in insulation, aircell pipe insulation, fittings, duct paper, and glazing compound to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M.*

II. BUILDING SURVEY

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

On August 2, 2013, HMG conducted an asbestos inspection of a 3 family dwelling scheduled for mechanical demolition, located at 1926-28 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.

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 nonfriable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining),

morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents. The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section l, 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) plaster, texture, paper insulation, linoleum, drywall/joint compound, ceramic tile, fiberboard, blown in insulation, aircell pipe insulation, fittings, duct paper, and glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-1926	Exterior – porch wall under vinyl siding – paper insulation	Negative	N/A	MPI
2-1926	Exterior – north wall under vinyl siding – paper insulation	Negative	N/A	MPI
3-1926	Exterior – south wall under vinyl siding – paper insulation	Negative	N/A	MPI
4-1926a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPI
4-1926b	1st floor – living room – south wall – plaster base coat	**Positive 4% Actinolite/ Tremolite**	**9,000 Sq. Ft.**	**SPI**
5-1926a	1st floor – west bedroom – west wall – plaster skim coat	Negative	N/A	SPI
5-1926b	1st floor – west bedroom – west wall – plaster base coat	Negative	N/A	SPI
6-1926a	2nd floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
6-1926b	2nd floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
7-1926a	1st floor – bathroom – east wall – plaster skim coat	Negative	N/A	SPI
7-1926b	1st floor – bathroom – east wall – plaster base coat	Negative	N/A	SPI
8-1926	Basement – ceiling – plaster skim coat	Negative	N/A	SPI
9-1926a	1st floor – west bedroom closet – joint compound	Negative	N/A	MDW
9-1926b	1st floor – west bedroom closet – drywall	Negative	N/A	MDW
10-1926a	1st floor – bathroom – ceiling – joint compound	Negative	N/A	MDW
10-1926b	1st floor – bathroom – ceiling – drywall	Negative	N/A	MDW
11-1926	2nd floor – north bedroom – south wall – drywall	Negative	N/A	MDW
12-1926a	1st floor – front entry – under carpet - green linoleum	**Positive 6% Chrysotile**	**20 Sq. Ft.**	**MFLg**
12-1926b	1st floor – front entry – under linoleum – tar paper	Negative	N/A	MFLg
13-1926	1st floor – living room – under carpet – tan linoleum	Negative	N/A	MFLt

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
14-1926	1st floor – hall – under floor tile – brown linoleum	Negative	N/A	MFLn
15-1926	1st floor – kitchen – under floor tile – paper insulation #2	Negative	N/A	MPI2
16-1926	1st floor – rear kitchen – south window – glazing compound	**Positive 3% Chrysotile**	**53 Windows**	**MPG**
17-1926	2nd floor – west bedroom – west window – glazing compound	Negative	N/A	MPG
18-1926	2nd floor – kitchen – south window – glazing compound	Negative	N/A	MPG
19-1926	2nd floor – east bedroom – under carpet – white ceramic tile	**Positive 5% Chrysotile**	**110 Sq. Ft.**	**MCTMw**
20-1926	2nd floor – west bedroom – under carpet – white linoleum	Negative	N/A	MFLw
21-1926	2nd floor – west bedroom closet – white linoleum	Negative	N/A	MFLw
22-1926	2nd floor – rear kitchen – white linoleum	Negative	N/A	MFLw
23-1926	Attic – east room – east side – beige linoleum	Negative	N/A	MFLe
24-1926	Attic – east room – north side – beige linoleum	Negative	N/A	MFLe
25-1926	Attic – east room – west side – beige linoleum	Negative	N/A	MFLe
26-1926	Attic – west room – ceiling – fiberboard	Negative	N/A	MFB
27-1926	Attic – west room – south wall – fiberboard	Negative	N/A	MFB
28-1926	Attic – west room – north wall – fiberboard	Negative	N/A	MFB
29-1926	Attic – east room – on floor – blown in insulation	Negative	N/A	MBI
30-1926	Attic – east room – on floor – blown in insulation	Negative	N/A	MBI
31-1926	Attic – east room – on floor – blown in insulation	Negative	N/A	MBI
32-1926	Basement – on south side of chimney – gray flue packing	Negative	N/A	TFPy
33-1926	Basement – on west side of chimney – dark gray flue packing	Negative	N/A	TFPydark
34-1926	Basement – on west side of chimney – light gray flue packing	Negative	N/A	TFPylight
35-1926	Basement – south side - <5" diameter aircell pipe insulation	**Positive 75% Chrysotile**	**90 Ln. Ft.**	**TA5**
36-1926	Basement – center - <5" diameter aircell pipe insulation	**Positive 75% Chrysotile**	**Reference 35-1926**	**TA5**
37-1926	Basement – west side - <5" diameter aircell pipe insulation	**Positive 75% Chrysotile**	**Reference 35-1926**	**TA5**
38-1926	Basement – south side - <5" diameter pipe insulation fitting	**Positive 30% Chrysotile**	**55 Fittings**	**TF5**
39-1926	Basement – center - <5" diameter pipe insulation fitting	**Positive 30% Chrysotile**	**Reference 38-1926**	**TF5**
40-1926	Basement – west side - <5" diameter pipe insulation fitting	**Positive 30% Chrysotile**	**Reference 38-1926**	**TF5**
41-1926	Basement – front room – duct paper	**Positive 75% Chrysotile**	**65 Sq. Ft.**	**TDW**
42-1926	Basement – center – duct paper	**Positive 75% Chrysotile**	**Reference 41-1926**	**TDW**
43-1926	Basement – back room – duct paper	**Positive 75% Chrysotile**	**Reference 41-1926**	**TDW**

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Asphalt Shingles & Flashing	1,300 Sq. Ft.
1st	Front Entry/Living Room	Floor Mastic	220 Sq. Ft.
1st	Kitchen/Bathroom/Bedroom/Hall/Stair	Floor Tile & Mastic	700 Sq. Ft.
2nd	Kitchen/Bathroom/Hall/Stair	Floor Tile & Mastic	650 Sq. Ft.
2nd	Bedroom/Closet	Floor Mastic	170 Sq. Ft.

Homogeneous Material Codes

SP1	Plaster
MPI	Paper Insulation
MPI2	Paper Insulation #2
MFLg	Green Linoleum
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MFLe	Beige Linoleum
MFLw	White Linoleum
MCTMw	White Ceramic Tile
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MFB	Fiberboard
MBI	Blown in Insulation
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TFPylight	Light Gray Flue Packing
TA5	<5" Diameter Aircell Pipe Insulation
TF5	<5" Diameter Pipe Insulation Fitting
TDW	Duct Paper

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

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

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

Note#4: Additional aircell, fittings, and duct paper may be within walls and ceilings. Exploratory demolition required for exact quantity.

Note#5: Estimated cost for friable asbestos ..... [redacted]

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

1	Fluorescent Lights – 1st Floor Dining Room
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

2	Old Thermostats – 1st & 2nd Floor Living Rooms
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior
* 1 Bottle Power Steering Fluid in 2nd Floor Dining Room

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. 225101
Account Number: B929

Date Received: 08/06/2013
Received By: Barbara Holder
Date Analyzed: 08/07/2013
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-1926	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 80	Binder
002	2-1926	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 80	Binder
003	3-1926	Homogeneous	Red Paper	Asbestos Not Present	Cellulose 80	Binder
004	4-1926	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
004a		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite 3	Cellulose 3	CaCO3 Vermiculite
005	5-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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

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

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P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	6-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	7-1926	Layered	Cream Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
008	8-1926	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3 Paint
009	9-1926	Layered	White Texture	Asbestos Not Present	Cellulose <1	CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10-1926	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
011	11-1926	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum Paint
012	12-1926	Layered	Green Linoleum	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
012a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
013	13-1926	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 25	Tar
014	14-1926	Layered	Brown Linoleum	Asbestos Not Present	Cellulose 25	Tar

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Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
015	15-1926	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose 25	Tar
016	16-1926	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
017	17-1926	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
018	18-1926	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
019	19-1926	Layered	Brown Floor Tile	Asbestos Present Chrysotile 5	NA	Vinyl CaCO3
019a		Layered	Black Mastic	Asbestos Not Present	NA	Tar

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Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020	20-1926	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose	25	Tar
021	21-1926	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose	25	Vinyl
022	22-1926	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose	25	Tar
023	23-1926	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
024	24-1926	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
025	25-1926	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	25	Tar
026	26-1926	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225101
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Date Received: 08/06/2013
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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
027	27-1926	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint
028	28-1926	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	80	Paint
029	29-1926	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	99	Binder
030	30-1926	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	99	Binder
031	31-1926	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	99	Binder
032	32-1926	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Quartz CaCO3
033	33-1926	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Quartz CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225101
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Date Received: 08/06/2013
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Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	34-1926	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
035	35-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
036	36-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
037	37-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
038	38-1926	Homogeneous	White Insulation	Asbestos Present Chrysotile 30	NA	CaCO3
039	39-1926	Homogeneous	White Insulation	Asbestos Present Chrysotile 30	NA	CaCO3
040	40-1926	Homogeneous	White Insulation	Asbestos Present Chrysotile 30	NA	CaCO3

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

QUANTEM® LABORATORIES

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Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)		Non Fibrous
041	41-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	75	Cellulose	15	Binder
042	42-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	75	Cellulose	15	Binder
043	43-1926	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	75	Cellulose	15	Binder

Gayle Ooten, Analyst

8/7/2013
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. 22510 1
Accept Reject

Contact Information			
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	☐ QuanTEM Website
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	☑ Other email
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 13-2000-068.1926	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	
Dan Jacobsen	8/5/13 1700	FedEx	[illegible]	8-6-13 9AS

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (20 Characters Max)	☑ To be Analyzed	Color	Description	Volume/Area (Indicate Units)	Notes
1	1-1926	☒				
2	2-1926	☑				
3	3-1926	☑				
4	4-1926	☐				
5	5-1926	☐				
6	6-1926	☐				
7	7-1926	☐				
8	8-1926	☐				
9	9-1926	☐				
10	10-1926	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. 22510
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-1926	☒				
12	12-1926	☐				
13	13-1926	☐				
14	14-1926	☐				
15	15-1926	☐				
16	16-1926	☐				
17	17-1926	☐				
18	18-1926	☐				
19	19-1926	☐				Do Not Analyze Mastic
20	20-1926	☐				
21	21-1926	☐				
22	22-1926	☐				
23	23-1926	☐				
24	24-1926	☐				
25	25-1926	☐				
26	26-1926	☐				
27	27-1926	☐				
28	28-1926	☐				
29	29-1926	☐				
30	30-1926	☑				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Lab No. _____
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area	Comments
31	31-1926	☑				
32	32-1926	☐				
33	33-1926	☐				
34	34-1926	☐				
35	35-1926	☐				
36	36-1926	☐				
37	37-1926	☐				
38	38-1926	☐				
39	39-1926	☐				
40	40-1926	☐				
41	41-1926	☐				
42	42-1926	☐				
43	43-1926	☑				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
SUPPLEMENTAL

Job Site:

Three Family Dwelling
1926-28 North 26th 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.: 13-2000-068.1926S
Contract No.: 360-13-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2013

TABLE OF CONTENTS

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 materials in the dwelling at 1926-28 North 26th 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 2013, five samples of plaster surfacing had been collected and analyzed for asbestos by polarized light microscopy (PLM). One sample, collected from the 1st floor living room south wall, contained 3% actinolite/tremolite. HMG recommended to the City of Milwaukee Department of Neighborhood Services 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 15, 2013, HMG conducted a supplemental asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 1926-28 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.

During the initial inspection, plaster had been identified in all 1st and 2nd floor rooms, the basement stair and ceiling, and the attic stair. Samples had been collected from the 1st floor living room, bathroom, and west bedroom, the 2nd floor kitchen, and the basement. The approximate quantity of plaster is 9,000 sq. ft.

Additional plaster samples were collected from each of the other rooms that have plaster plus the additional plaster surfaces in the 1st floor living room. If at least one plaster sample had previously been collected from other rooms, 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, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents. The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
44-1926a	1st floor – living room – west wall – plaster skim coat	Negative	N/A	SPI
44-1926b	1st floor – living room – west wall – plaster skim coat 2	Negative	N/A	SPI
44-1926c	1st floor – living room – west wall – plaster base coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
44-1926c	**POINT COUNT RESULT**	**Positive 1.50% Actinolite/ Tremolite**	**550 Sq. Ft.**	**SPI**
45-1926a	1st floor – living room – north wall – plaster skim coat	Negative	N/A	SPI
45-1926b	1st floor – living room – north wall – plaster skim coat 2	Negative	N/A	SPI
45-1926c	1st floor – living room – north wall – plaster base coat	Positive 2% Actinolite/ Tremolite	N/A	SPI
45-1926c	**POINT COUNT RESULT**	**Positive 4.0% Actinolite/ Tremolite**	**Reference 44-1926c**	**SPI**
46-1926a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
46-1926b	1st floor – living room – east wall – plaster skim coat 2	Negative	N/A	SPI
46-1926c	1st floor – living room – east wall – plaster base coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
46-1926c	POINT COUNT RESULT	Trace 0.5% Actinolite/ Tremolite	N/A	SPI
47-1926a	1st floor – front entry – north wall – plaster skim coat	Negative	N/A	SPI
47-1926b	1st floor – front entry – north wall – plaster base coat	Negative	N/A	SPI
48-1926a	1st floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
48-1926b	1st floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
49-1926a	1st floor – hall – ceiling – plaster skim coat	Negative	N/A	SPI
49-1926b	1st floor – hall – ceiling – plaster base coat	Negative	N/A	SPI
50-1926a	1st floor – north bedroom – west wall – plaster skim coat	Negative	N/A	SPI
50-1926b	1st floor – north bedroom – west wall – plaster base coat	Negative	N/A	SPI
51-1926a	1st floor – dining room – south wall – plaster skim coat	Negative	N/A	SPI
51-1926b	1st floor – dining room – south wall – plaster base coat	Negative	N/A	SPI
52-1926a	1st floor – rear bathroom – east wall – plaster skim coat	Negative	N/A	SPI
52-1926b	1st floor – rear bathroom – east wall – plaster base coat	Negative	N/A	SPI
53-1926a	1st floor – rear kitchen – south wall – plaster skim coat	Negative	N/A	SPI
53-1926b	1st floor – rear kitchen – south wall – plaster base coat	Negative	N/A	SPI
54-1926a	1st floor – rear stair – west wall – plaster skim coat	Negative	N/A	SPI
54-1926b	1st floor – rear stair – west wall – plaster base coat	Negative	N/A	SPI
55-1926a	Attic – stair – east wall – plaster skim coat	Negative	N/A	SPI
55-1926b	Attic – stair – east wall – plaster base coat	Negative	N/A	SPI
56-1926a	2nd floor – east bedroom – north wall – plaster skim coat	Negative	N/A	SPI
56-1926b	2nd floor – east bedroom – north wall – plaster base coat	Negative	N/A	SPI
57-1926	2nd floor – bathroom – west wall – plaster	Trace <1% Actinolite/ Tremolite	N/A	SPI
57-1926	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	N/A	SPI
58-1926a	2nd floor – hall closet – south wall – plaster skim coat	Negative	N/A	SPI
58-1926b	2nd floor – hall closet – south wall – plaster base coat	Negative	N/A	SPI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
59-1926a	2nd floor – north bedroom – east wall – plaster skim coat	Negative	N/A	SPI
59-1926b	2nd floor – north bedroom – east wall – plaster base coat	Negative	N/A	SPI
60-1926a	2nd floor – hall – north wall – plaster skim coat	Negative	N/A	SPI
60-1926b	2nd floor – hall – north wall – plaster base coat	Negative	N/A	SPI
61-1926	2nd floor – living room – south wall – plaster skim coat	Trace <1% Actinolite/ Tremolite	N/A	SPI
61-1926	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	N/A	SPI
62-1926a	2nd floor – dining room – east wall – plaster skim coat	Negative	N/A	SPI
62-1926b	2nd floor – dining room – east wall – plaster base coat	Negative	N/A	SPI
63-1926a	2nd floor – west bedroom – west wall – plaster skim coat	Negative	N/A	SPI
63-1926b	2nd floor – west bedroom – west wall – plaster base coat	Negative	N/A	SPI
64-1926a	2nd floor – west closet – north wall – plaster skim coat	Negative	N/A	SPI
64-1926b	2nd floor – west closet – north wall – plaster base coat	Negative	N/A	SPI
65-1926a	2nd floor – front stair – north wall – plaster skim coat	Negative	N/A	SPI
65-1926b	2nd floor – front stair – north wall – plaster base coat	Negative	N/A	SPI
66-1926a	Basement - stair – east wall – plaster skim coat	Negative	N/A	SPI
66-1926b	Basement - stair – east wall – plaster base coat	Negative	N/A	SPI

Plaster results from initial inspection August 2013:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
4-1926a	1st floor – living room – south wall – plaster skim coat	Negative	N/A	SPI
4-1926b	1st floor – living room – south wall – plaster base coat	**Positive 3% Actinolite/ Tremolite**	**Reference 44-1926c**	**SPI**
5-1926a	1st floor – west bedroom – west wall – plaster skim coat	Negative	N/A	SPI
5-1926b	1st floor – west bedroom – west wall – plaster base coat	Negative	N/A	SPI
6-1926a	2nd floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPI
6-1926b	2nd floor – kitchen – north wall – plaster base coat	Negative	N/A	SPI
7-1926a	1st floor – bathroom – east wall – plaster skim coat	Negative	N/A	SPI
7-1926b	1st floor – bathroom – east wall – plaster base coat	Negative	N/A	SPI
8-1926	Basement – ceiling – plaster skim coat	Negative	N/A	SPI

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

Asbestos containing plaster (SP1) observed in 1st floor living room west, north, and south walls, and ceiling.

Homogeneous Material Codes
SP1 Plaster

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.

Note#3: Asbestos containing linoleum, window glazing compound, ceramic tile, aircell, fittings, and duct paper were also identified during the initial inspection in August 2013.

Note#4: Estimated cost for asbestos containing plaster, linoleum, window glazing compound, ceramic tile, aircell, fittings, and duct paper removal..... [redacted]

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 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.

VI. 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. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	44-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
001a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
001b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
002	45-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
002a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
002b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite 2	NA	CaCO3 Mica Gypsum
003	46-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
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P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
003a		Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
003b		Layered	Gray Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
004	47-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
004a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber 3 Hair 3	Quartz CaCO3
005	48-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
005a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber <1 Hair 2	Quartz CaCO3
006	49-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
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Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
006a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Quartz CaCO3
007	50-1926	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3
007a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Quartz CaCO3
008	51-1926	Layered	Tan Skim Coat	Asbestos Not Present	NA		Quartz CaCO3
008a		Layered	Gray Plaster	Asbestos Not Present	NA		CaCO3 Mica Gypsum
009	52-1926	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
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Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Mica Gypsum
010	53-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
010a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
011	54-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
011a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3
012	55-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
012a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber 2 Hair 3	Quartz CaCO3

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

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Polarized Light Microscopy Asbestos Analysis Report

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Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	56-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
013a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3
014	57-1926	Homogeneous	Tan Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
015	58-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
015a		Layered	Tan Plaster	Asbestos Not Present	Cellulose <1	Quartz CaCO3
016	59-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
016a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
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Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	60-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
017a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
018	61-1926	Homogeneous	Tan Plaster	Asbestos Present Actinolite/Tremolite <1	NA	CaCO3 Mica Gypsum
019	62-1926	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz CaCO3
019a		Layered	Tan Plaster	Asbestos Not Present	NA	CaCO3 Mica Gypsum
020	63-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
020a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Quartz CaCO3

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	64-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
021a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	Quartz CaCO3
022	65-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
022a		Layered	Gray Plaster	Asbestos Not Present	Glass Fiber <1 Hair 2	Quartz CaCO3
023	66-1926	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
023a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 2 Hair 3	Quartz CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225602
Account Number: B929
Date Received: 08/16/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/21/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: DNS
Project Location: Milwaukee, WI
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Cristal Veech, Analyst

8/21/2013
Date of Report

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only:
Lab No. 225602
Accept Reject

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

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	13-2000-068.1926
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	8/15/13 1800	FedEx		8/16/13 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	44-1926	☑				
2	45-1926	☑				
3	46-1926	☑				
4	47-1926	☑				
5	48-1926	☑				
6	49-1926	☑				
7	50-1926	☑				
8	51-1926	☑				
9	52-1926	☑				
10	53-1926	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 225602
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	54-1926	☑				
12	55-1926	☑				
13	56-1926	☑				
14	57-1926	☑				
15	58-1926	☑				
16	59-1926	☑				
17	60-1926	☑				
18	61-1926	☑				
19	62-1926	☑				
20	63-1926	☑				
21	64-1926	☑				
22	65-1926	☑				
23	66-1926	☑				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 225865
Account Number: B929
Date Received: 08/22/2013
Received By: Sherrie Leftwich
Date Analyzed: 08/23/2013
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Jolene Harenda
P.O. Box 511305
New Berlin, WI 53151-2105

Project: PT CT for 225602, DNS
Project Location: N/A
Project Number: 13-2000-068.1926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	44-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 1.50 400 Point Count	NA	
002	45-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 4.0 400 Point Count	NA	
003	46-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 0.50 400 Point Count	NA	
004	57-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
005	61-1926	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Cristal Veech, Analyst

8/23/2013
Date of Report

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 225865
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: 13-2000-068.1926	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	8/22/13 1230	Email	S Lefkowicz	8/22/13 12:31

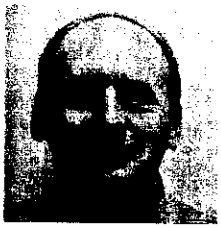
REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume/Area (as applicable)	Comments / Notes
1	44-1926	☒		Gray Plaster		QuanTem Lab No: 225602
2	45-1926	☐		Gray Plaster		
3	46-1926	☐		Gray Plaster		
4	57-1926	☐				
5	61-1926	☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

VII. HMG CERTIFICATION



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: 12/01/2013	12/12/1963	Male

Training due by: 12/01/2013

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Two Family Front Dwelling
2543 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.: 14-200-061.2543
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

February 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the front dwelling at 2543 North 27th Street, Milwaukee, Wisconsin.

The inspection included plaster, fiberboard, blown in insulation, magnesia insulation, aircell insulation, linoleum, drywall/joint compound, ceiling tile, paper insulation, flue pack, and window glazing compound to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M.*

II. BUILDING SURVEY

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

On February 24, 2014 HMG conducted an asbestos inspection of a two family front dwelling, scheduled for mechanical demolition, located at 2543 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) plaster, fiberboard, blown in insulation, magnesia insulation, aircell insulation, linoleum, drywall/joint compound, ceiling tile, paper insulation, flue pack, and window glazing compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Exterior – south wall under wood siding – fiberboard	Negative	N/A	MFB
2	Exterior – west wall under wood siding – fiberboard	Negative	N/A	MFB
3	Exterior – east wall under wood siding – fiberboard	Negative	N/A	MFB
4	2nd floor – kitchen – on floor – blown in insulation	Negative	N/A	MBI
5	2nd floor – east room – on floor – blown in insulation	Negative	N/A	MBI
6	Basement – on floor – blown in insulation	Negative	N/A	MBI
7	Basement – ceiling – fiberboard #2	Negative	N/A	MFB2
8	2nd floor – hall – ceiling – fiberboard #2	Negative	N/A	MFB2
9	2nd floor – living room – ceiling – fiberboard #2	Negative	N/A	MFB2
10	**Basement – on floor – magnesia insulation** ***Quantity includes 1st floor east bedroom and 2nd floor living room***	**Positive 40% Chrysotile**	**130 Sq. Ft. of Floor Contaminated**	**TM**
11	**Basement – east side on floor – aircell insulation**	**Positive 60% Chrysotile**	**30 Sq. Ft. of Floor Contaminated**	**TA**
12	2nd floor – stair landing – brown linoleum	Negative	N/A	MFLn
13a	2nd floor – bathroom – south wall – joint compound	Negative	N/A	MDW
13b	2nd floor – bathroom – south wall – drywall	Negative	N/A	MDW
14a	2nd floor – south room – west wall – joint compound	Negative	N/A	MDW
14b	2nd floor – south room – west wall – drywall	Negative	N/A	MDW
15a	1st floor – dining room – north wall – joint compound	Negative	N/A	MDW
15b	1st floor – dining room – north wall – drywall	Negative	N/A	MDW
16	2nd floor – living room – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
17	2nd floor – kitchen – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
18	2nd floor – hall – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
19	2nd floor – bathroom – top layer – tan linoleum	Negative	N/A	MFLt
20	2nd floor – east room – 3rd layer – gold linoleum	Negative	N/A	MFLd
21	2nd floor – living room – 3rd layer – gold linoleum	Negative	N/A	MFLd
22	2nd floor – bathroom – 3rd layer – gold linoleum	Negative	N/A	MFLd

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
23	2nd floor – hall – 4th layer – green linoleum	Negative	N/A	MFLg
24	2nd floor – east room– 4th layer – green linoleum	Negative	N/A	MFLg
25	2nd floor – bathroom– 4th layer – green linoleum	Negative	N/A	MFLg
26	2nd floor – living room– 5th layer – paper insulation	Negative	N/A	MPI
27	2nd floor – south room– 5th layer – paper insulation	Negative	N/A	MPI
28	2nd floor – east room– 5th layer – paper insulation	Negative	N/A	MPI
29	**2nd floor – south room – south window – glazing compound**	**Positive 4% Chrysotile**	**34 Windows**	**MPG**
30	**1st floor – west bedroom – north window – glazing compound**	**Positive 4% Chrysotile**	**Reference Sample 29**	**MPG**
31	**Basement – north window – glazing compound**	**Positive 2% Chrysotile**	**Reference Sample 29**	**MPG**
32a	1st floor – rear hall – south wall – plaster skim coat	Negative	N/A	SPl
32b	1st floor – rear hall – south wall – plaster base coat	Negative	N/A	SPl
33a	1st floor – bathroom – north wall – plaster skim coat	Negative	N/A	SPl
33b	1st floor – bathroom – north wall – plaster base coat	Negative	N/A	SPl
34a	1st floor – east bedroom – west wall – plaster skim coat	Negative	N/A	SPl
34b	1st floor – east bedroom – west wall – plaster base coat	Negative	N/A	SPl
35a	1st floor – south room – east wall – plaster skim coat	Negative	N/A	SPl
35b	1st floor – south room – east wall – plaster base coat	Negative	N/A	SPl
36a	1st floor – front entry – south wall – plaster skim coat	Negative	N/A	SPl
36b	1st floor – front entry – south wall – plaster base coat	Negative	N/A	SPl
37	1st floor – kitchen – pink and red linoleum	Negative	N/A	MFLpr
38	1st floor – south room – pink and red linoleum	Negative	N/A	MFLpr
39	1st floor – rear hall – pink and red linoleum	Negative	N/A	MFLpr
40a	1st floor – bathroom – 2nd layer – brown and tan linoleum	Negative	N/A	MFLnt
40b	1st floor – bathroom – 3rd layer – tan and black linoleum	Negative	N/A	MFLtk
41	1st floor – east bedroom – under plywood – yellow linoleum	Negative	N/A	MFLl
42	1st floor – east bedroom – under plywood – yellow linoleum	Negative	N/A	MFLl
43	1st floor – west bedroom – under plywood – yellow linoleum	Negative	N/A	MFLl
44	**Basement – on chimney – flue packing**	**Positive 60% Chrysotile**	**2 Sq. Ft.**	**TFP**

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1st	All	Floor Mastic	700 Sq. Ft.
2nd	All	Floor Mastic	800 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
MFB	Fiberboard
MFB2	Fiberboard #2
MBI	Blown in Insulation
MFLt	Tan Linoleum
MFLd	Gold Linoleum
MFLn	Brown Linoleum
MFLg	Green Linoleum
MFLpr	Pink & Red Linoleum
MFLnt	Brown & Tan Linoleum
MFLl	Yellow Linoleum
MFLtk	Tan & Black Linoleum
MDW	Drywall/Joint Compound
MSCT11	1' x 1' Ceiling Tile
MPI	Paper Insulation
MPG	Glazing Compound
TFP	Flue Packing
TM	Magnesia Insulation
TA	Aircell Insulation

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

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

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

CFCs and HALONS
Equipment that may contain CFCs and Halons:

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

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
1	Oil Tanks – Basement
N/A	Well Abandonment
N/A	Junk Auto Tires
N/A	Junk Vehicles

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232341
Account Number: B929
Date Received: 02/25/2014
Received By: Joanna Mueller
Date Analyzed: 02/28/2014
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: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	85	Tar
002	2	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	85	Tar
003	3	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	85	Tar
004	4	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	99	
005	5	Homogeneous	Tan/Gray Insulation	Asbestos Not Present	Cellulose	100	
006	6	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	98	
007	7	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	95	Binder

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

QUANTEM LABORATORIES

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	95	Binder
009	9	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	95	Binder
010	10	Homogeneous	White Insulation	Asbestos Present Chrysotile 40	NA		CaCO3
011	11	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 60	Cellulose	30	Binder
012	12	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
013	13	Layered	White Joint Compound	Asbestos Not Present	Glass Fiber	25	CaCO3 Paint
013a		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	30 2	Gypsum

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

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Layered	White Joint Compound	Asbestos Not Present	Glass Fiber	25	CaCO3 Paint
014a		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	30 2	Gypsum
015	15	Layered	White Joint Compound	Asbestos Not Present	Glass Fiber	25	CaCO3 Paint
015a		Layered	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	30 2	Gypsum
016	16	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
017	17	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
018	18	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint

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Polarized Light Microscopy Asbestos Analysis Report

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1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
019	19	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl Foam
020	20	Homogeneous	Tan/Brown Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
021	21	Homogeneous	Tan/Brown Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
022	22	Homogeneous	Brown/Black Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
023	23	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
024	24	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
025	25	Homogeneous	Dark Gray Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232341
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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: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 98	
027	27	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 98	
028	28	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 98	
029	29	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Paint
030	30	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Paint
031	31	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3 Paint
032	32	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232341
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Date Received: 02/25/2014
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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: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
033	33	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
033a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
034	34	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
034a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
035	35	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
035a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232341
Account Number: B929
Date Received: 02/25/2014
Received By: Joanna Mueller
Date Analyzed: 02/28/2014
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: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	36	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
036a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
037	37	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
038	38	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
039	39	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 30	Vinyl Foam
040	40	Layered	Tan/Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
040a		Layered	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232341
Account Number: B929
Date Received: 02/25/2014
Received By: Joanna Mueller
Date Analyzed: 02/28/2014
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: 14-200-061.2543F

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
041	41	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose 60	Tar Vinyl
042	42	Homogeneous	Beige/Brown Linoleum	Asbestos Not Present	Cellulose 60	Tar Vinyl
043	43	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose 60	Tar Vinyl
044	44	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	NA	CaCO3 Binder

Sandy Baker, Analyst

2/28/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232341
Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.2543F
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	2/24/14 1800	FedEx		2/25/14 10:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☒				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232341
Accept Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				Do Not Test Mastic
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	30	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232341
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	☒				
32	32	☐				
33	33	☐				
34	34	☐				
35	35	☐				
36	36	☐				
37	37	☐				Do Not Test Mastic
38	38	☐				
39	39	☐				
40	40	☐				
41	41	☐				
42	42	☐				
43	43	☐				
44	44	☑				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Demicca Andrea Marie Coe

1237 W Bruce St

Milwaukee WI 53204-1218

		150 lbs	5' 01"
AII-156385	Exp: 09/26/2014	09/08/1971	Female

Training due by: 09/26/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Two Family Rear Dwelling
2543 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.: 14-200-061.2543R
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the rear dwelling at 2543 North 27th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, flue packing, drywall/joint compound, window glazing compound, ceiling tile, linoleum, blown in insulation, and fiberboard 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 February 25, 2014 HMG conducted an asbestos inspection of a two family rear dwelling, scheduled for mechanical demolition, located at 2543 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) plaster, texture, flue packing, drywall/joint compound, window glazing compound, ceiling tile, linoleum, blown in insulation, and fiberboard. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – on north side of chimney – gray flue packing	Negative	N/A	TFP
1	Basement – on north side of chimney – white flue packing	Negative	N/A	TFP
2	Basement – on east side of chimney – flue packing #2	Negative	N/A	TFP2
3a	Basement – stair – north wall – joint compound	Negative	N/A	MDW
3b	Basement – stair – north wall – drywall	Negative	N/A	MDW
4a	1st floor – bathroom – east wall – joint compound	Negative	N/A	MDW
4b	1st floor – bathroom – east wall – drywall	Negative	N/A	MDW
5	2nd floor – east room – west wall – drywall	Negative	N/A	MDW
6	1st floor – bathroom – west window – glazing compound	Negative	N/A	MPG
7	1st floor – living room – north window – glazing compound	Negative	N/A	MPG
8	2nd floor – east room – east window – glazing compound	Negative	N/A	MPG
9	1st floor – living room south side – ceiling – texture	Negative	N/A	STX
10	1st floor – living room north side – ceiling – texture	Negative	N/A	STX
11	1st floor – living room east side – ceiling – texture	Negative	N/A	STX
12	1st floor – dining room – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
13	2nd floor – hall – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
14	2nd floor – west bedroom – 1’ x 1’ ceiling tile	Negative	N/A	MSCT11
15	1st floor – dining room – tan linoleum	Negative	N/A	MFLt
16	1st floor – bathroom – under floor tile – cream linoleum	Negative	N/A	MFLc
18	1st floor – front stair – on floor – blown in insulation	Negative	N/A	MBI
19	2nd floor – front stair – on floor – blown in insulation	Negative	N/A	MBI
20	2nd floor – hall – on floor – blown in insulation	Negative	N/A	MBI
21	2nd floor – east room – north wall – texture #2	Negative	N/A	STX2
22	2nd floor – west room – north wall – texture #2	Trace <1% Chrysotile	N/A	STX2
22	POINT COUNT RESULT	Trace 0.25% Chrysotile	N/A	STX2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
23	2nd floor – west room – south wall – texture #2	Negative	N/A	STX2
24a	2nd floor – front stair – north wall – plaster skim coat	Negative	N/A	SPl
24b	2nd floor – front stair – north wall – plaster base coat	Negative	N/A	SPl
25a	2nd floor – southwest bedroom – north wall – plaster skim coat	Negative	N/A	SPl
25b	2nd floor – southwest bedroom – north wall – plaster base coat	Negative	N/A	SPl
26a	1st floor – living room – east wall – plaster skim coat	Negative	N/A	SPl
26b	1st floor – living room – east wall – plaster base coat	Negative	N/A	SPl
27a	1st floor – dining room – ceiling – plaster skim coat	Negative	N/A	SPl
27b	1st floor – dining room – ceiling – plaster base coat	Negative	N/A	SPl
28a	1st floor – kitchen – north wall – plaster skim coat	Negative	N/A	SPl
28b	1st floor – kitchen – north wall – plaster base coat	Negative	N/A	SPl
29	1st floor – kitchen – north side – 2' x 4' ceiling tile	Negative	N/A	MSCT24
30	1st floor – kitchen – east side – 2' x 4' ceiling tile	Negative	N/A	MSCT24
31	1st floor – kitchen – south side – 2' x 4' ceiling tile	Negative	N/A	MSCT24
32a	Exterior – south wall under asphalt siding – tar paper	Negative	N/A	MFB
32b	Exterior – south wall under asphalt siding – fiberboard	Negative	N/A	MFB
33a	Exterior – east wall under asphalt siding – tar paper	Negative	N/A	MFB
33b	Exterior – east wall under asphalt siding – fiberboard	Negative	N/A	MFB
34a	Exterior – west wall under asphalt siding – tar paper	Negative	N/A	MFB
34b	Exterior – west wall under asphalt siding – fiberboard	Negative	N/A	MFB

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	700 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	900 Sq. Ft.
1st	Kitchen/Bathroom/Stair	Floor Tile & Mastic	220 Sq. Ft.
1st	Dining Room	Floor Mastic	70 Sq. Ft.
2nd	All	Floor Tile & Mastic	400 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX	Texture #2
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MSCT11	1' x 1' Ceiling Tile
MSCT24	2' x 4' Ceiling Tile
MFLt	Tan Linoleum
MFLc	Cream Linoleum
MBI	Blown in Insulation
MFB	Fiberboard
TFP	Flue Packing
TFP2	Flue Packing #2

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, **FURNACES**, HEATERS AND TANKS – 1 Furnace in Attic.

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

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. 232455
Account Number: B929
Date Received: 02/27/2014
Received By: Joanna Mueller
Date Analyzed: 03/04/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Layered	Gray Stucco	Asbestos Not Present	NA		Sand CaCO3
001a		Layered	White Stucco	Asbestos Not Present	NA		Sand CaCO3
002	2	Homogeneous	Gray Stucco	Asbestos Not Present	NA		Sand CaCO3
003	3	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
003a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	2	Gypsum
004	4	Layered	White Texture	Asbestos Not Present	NA		CaCO3
004a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum

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
005	5	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
006	6	Homogeneous	White Caulk	Asbestos Not Present	NA	Binder
007	7	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
008	8	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
010	10	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
011	11	Homogeneous	White Joint Compound	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
012	12	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	90	Paint
013	13	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	90	Paint
014	14	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	90	Paint
015	15	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
016	16	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
017	18	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose Glass Fiber	<1 99	
018	19	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose Glass Fiber	<1 99	

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	20	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose <1 Glass Fiber 99	
020	21	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
021	22	Homogeneous	White Texture	Asbestos Present Chrysotile <1	NA	CaCO3 Paint
022	23	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
023a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
024	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
025	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
025a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
026	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
026a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
027	28	Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
027a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
027b		Layered	White Plaster	Asbestos Not Present	NA		Sand CaCO3
028	29	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
029	30	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
030	31	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
031	32	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
031a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	100	
032	33	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar

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
032a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	100	
033	34	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
033a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	100	

Cristal Veech, Analyst

3/4/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232455
Accept	Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.2543R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	2/26/14 1800	FedEx	J Mueller	2/27/14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☑				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232455	
(Accept)	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				
13	13	☐				
14	14	☐				
15	15	☐				Do Not Test/Metric
16	16	☐				
17	~~17~~ 150	☐				
17	~~18~~ 18	☐				
18	~~19~~ 19	☐				
19	~~20~~ 20	☐				
20	~~21~~ 21	☐				
21	~~22~~ 22	☐				
22	~~23~~ 23	☐				
23	~~24~~ 24	☐				
24	~~25~~ 25	☐				
25	~~26~~ 26	☐				
26	~~27~~ 27	☐				
27	~~28~~ 28	☐				
28	~~29~~ 29	☐				
29	~~30~~ 30	☑				

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QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232405
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	☒				
32	32	☐				
33	33	☐				
34	34	☒				
35		☐				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232600
Account Number: B929
Date Received: 03/05/2014
Received By: Sherrie Leftwich
Date Analyzed: 03/05/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: PTCT for 232455, DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2543R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	22	Homogeneous	White Texture	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Cristal Veech, Analyst

3/5/2014
Date of Report

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

QUANTEM LABORATORIES
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ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232600
Accept Reject

Contact Information				Project Information		Report Results (☑ one box)
Company:	Harenda Management Group	Phone:	(414) 383-4800	Project Name:	DNS	☑ QuanTEM Website
Contact:	Dean Jacobsen	Cell Phone:		Project Location:	Milwaukee, WI	☐ Other email
Account #:	B929	E-mail:	djacobsen@harenda.com	Project ID:	14-200-061.2543R	
SAMPLED BY:	Name:	Date:		P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/4/14 1615	Email	SRyftwich	3/5/14 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	22	☑				Quantem Lab # 232455
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Demicca Andrea Marie Coe

1237 W Bruce St

Milwaukee WI 53204-1218

		150 lbs	5' 01"
AII-156385	Exp: 09/26/2014	09/08/1971	Female

Training due by: 09/26/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Three Family Dwelling
2532-34 North 39th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 14-200-061.2532-34
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 2532-34 North 39th Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, transite, tar paper, window glazing compound, linoleum, paper insulation, drywall/joint compound, linoleum, felt paper, blown in insulation, duct paper, and flue packing 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 March 6, 2014 HMG conducted an asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 2532-34 North 39th Street, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, transite, tar paper, window glazing compound, linoleum, paper insulation, drywall/joint compound, linoleum, felt paper, blown in insulation, duct paper, and flue packing. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	**Exterior – west wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**2,500 Sq. Ft.**	**MTP**
2	**Exterior – south wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**Reference Sample 1**	**MTP**
3	**Exterior – east wall under vinyl siding – transite siding**	**Positive 30% Chrysotile**	**Reference Sample 1**	**MTP**
4	Exterior – west wall under transite – tar paper	Negative	N/A	MPT
5	Exterior – south wall under transite – tar paper	Negative	N/A	MPT
6	Exterior – east wall under transite – tar paper	Negative	N/A	MPT
7	1st floor – front entry – under floor tile – tar paper #2	Negative	N/A	MPT2
8	**1st floor – living room – west window – glazing compound**	**Positive 4% Chrysotile**	**48 Windows**	**MPG**
9	**2nd floor – north bedroom – north window – glazing compound**	**Positive 3% Chrysotile**	**Reference Sample 8**	**MPG**
10	3rd floor – living room – west window – glazing compound	Negative	N/A	MPG
11a	1st floor – bathroom – under floor tile and plywood – beige linoleum	Negative	N/A	MFLe
11b	1st floor – bathroom – under beige linoleum – tan linoleum	Negative	N/A	MFLt
12	1st floor – bathroom – bottom layer – tan paper insulation	Negative	N/A	MPIt
13	**1st floor – kitchen – north side under floor tile and plywood – tan and brown linoleum**	**Positive 30% Chrysotile**	**180 Sq. Ft.**	**MFLtn**
14	**1st floor – kitchen – west side under floor tile and plywood – tan and brown linoleum**	**Positive 30% Chrysotile**	**Reference Sample 13**	**MFLtn**
15	**1st floor – pantry – under floor tile and plywood – tan and brown linoleum**	**Positive 30% Chrysotile**	**Reference Sample 13**	**MFLtn**
16	1st floor – east bedroom – on floor – brown paper insulation	Negative	N/A	MPIn
17	1st floor – pantry – on counter – cream linoleum	Negative	N/A	MFLc
18	2nd floor – pantry – on counter – gray linoleum	Negative	N/A	MFLy
19	1st floor – kitchen – ceiling – texture	Negative	N/A	STX
20	1st floor – east bedroom – ceiling – texture	Negative	N/A	STX
21	1st floor – dining room – ceiling – texture	Negative	N/A	STX
22a	2nd floor – kitchen – west wall – joint compound	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
22b	2nd floor – kitchen – west wall – drywall	Negative	N/A	MDW
23a	2nd floor – bathroom – east wall – joint compound	Negative	N/A	MDW
23b	2nd floor – bathroom – east wall – drywall	Negative	N/A	MDW
24a	3rd floor – bathroom – east wall – joint compound	Negative	N/A	MDW
24b	3rd floor – bathroom – east wall – drywall	Negative	N/A	MDW
25a	2nd floor – pantry – north wall – patch layer	Negative	N/A	SPl
25b	2nd floor – pantry – north wall – plaster	Negative	N/A	SPl
26	2nd floor – east bedroom – east wall – plaster	Negative	N/A	SPl
27	2nd floor – north bedroom – south wall – plaster	Negative	N/A	SPl
28	2nd floor – east bedroom – east wall – plaster	Negative	N/A	SPl
29a	1st floor – rear stair – south wall – plaster skim coat	Negative	N/A	SPl
29b	1st floor – rear stair – south wall – plaster base coat	Negative	N/A	SPl
30	1st floor – east bedroom – west wall – plaster	Negative	N/A	SPl
31	1st floor – west bedroom – south wall – plaster	Negative	N/A	SPl
32	2nd floor – bathroom – beige and pink linoleum	Negative	N/A	MFLep
33	2nd floor – east bedroom – under floor tile – black paper insulation	Negative	N/A	MPIk
34	1st floor – front stair – landing – brown and black linoleum	Negative	N/A	MFLnk
35	**3rd floor – kitchen – east side under floor tile and plywood – white and gray linoleum**	**Positive 30% Chrysotile**	**190 Sq. Ft.**	**MFLwy**
36	**3rd floor – kitchen – west side under floor tile and plywood – white and gray linoleum**	**Positive 30% Chrysotile**	**Reference Sample 35**	**MFLwy**
37	**3rd floor – kitchen – north side under floor tile and plywood – white and gray linoleum**	**Positive 30% Chrysotile**	**Reference Sample 35**	**MFLwy**
38	3rd floor – kitchen – east side bottom layer – gray paper insulation	Negative	N/A	MPIy
39	3rd floor – kitchen – west side bottom layer – gray paper insulation	Negative	N/A	MPIy
40	3rd floor – kitchen – north side bottom layer – gray paper insulation	Negative	N/A	MPIy
41a	3rd floor – bathroom – south wall – joint compound #2	Negative	N/A	MDW2
41b	3rd floor – bathroom – south wall – drywall #2	Negative	N/A	MDW2
42a	3rd floor – bedroom – south wall – joint compound #2	Negative	N/A	MDW2
42b	3rd floor – bedroom – south wall – drywall #2	Negative	N/A	MDW2
43a	3rd floor – kitchen – north wall – joint compound #2	Negative	N/A	MDW2
43b	3rd floor – kitchen – north wall – drywall #2	Negative	N/A	MDW2
44	3rd floor – hall – on floor – felt paper	Negative	N/A	MFP
45	3rd floor – hall – north wall – texture #3	Negative	N/A	STX3
46	3rd floor – hall – south wall – texture #3	Negative	N/A	STX3
47	3rd floor – hall – west wall – texture #3	Negative	N/A	STX3
48	3rd floor – living room – north wall – texture #4	Negative	N/A	STX4
49	3rd floor – living room – south wall – texture #4	Negative	N/A	STX4
50	3rd floor – living room – west wall – texture #4	Negative	N/A	STX4
51	Attic – west side on floor – blown in insulation	Negative	N/A	MBI

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
52	Attic – north side on floor – blown in insulation	Negative	N/A	MBI
53	3rd floor – kitchen – on floor – blown in insulation	Negative	N/A	MBI
54	**3rd floor – kitchen – on counter – white and tan linoleum**	**Positive 30% Chrysotile**	**10 Sq. Ft.**	**MFLwt**
55a	Basement – on chimney top layer – gray flue packing	Negative	N/A	TFPy
55b	Basement – on chimney bottom layer – light gray flue packing	Negative	N/A	TFPylight
56	Basement – on chimney – tan flue packing	Negative	N/A	TFPy
57	**Basement – on boot near chimney – duct paper *Quantity includes 1st floor hall floor duct***	**Positive 80% Chrysotile**	**2 Sq. Ft.**	**TDW**
58	Basement – east side ceiling – drywall #3	Negative	N/A	MDW3
59	1st floor – kitchen – east wall – texture #2	Negative	N/A	STX2
60	1st floor – hall - north wall – texture #2	Negative	N/A	STX2
61	1st floor – west bedroom – south wall – texture #2	Negative	N/A	STX2
62	1st floor – dining room – north wall – texture #2	Negative	N/A	STX2
63	1st floor – east bedroom – south wall – texture #2	Negative	N/A	STX2

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1st	Front Entry/Kitchen/ Bedrooms/Bathroom/Pantry	Floor Tile & Mastic	650 Sq. Ft.
1st	Bedrooms	Floor Mastic	200 Sq. Ft.
2nd	Kitchen/Pantry/Bedroom	Floor Tile &Mastic	250 Sq. Ft.
2nd	Bathroom	Floor Mastic	40 Sq. Ft.
3rd	Kitchen/Stair/Bedroom	Floor Tile & Mastic	430 Sq. Ft.
3rd	Kitchen/Bathroom	Floor/Wall/Ceiling Mastic	300 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
STX3	Texture #3
STX4	Texture #4
MTP	Transite
MPT	Tar Paper
MPT2	Tar Paper #2
MPG	Glazing Compound
MFLe	Beige Linoleum
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MFLc	Cream Linoleum
MFLy	Gray Linoleum
MFLep	Beige & Pink Linoleum
MFLnk	Brown & Black Linoleum
MFLwy	White & Gray Linoleum
MFLwt	White & Tan Linoleum
MPIt	Tan Paper Insulation

Homogeneous Material Codes

MPIn	Brown Paper Insulation
MPIk	Black Paper Insulation
MPIy	Gray Paper Insulation
MDW	Drywall/Joint Compound
MDW2	Drywall/Joint Compound #2
MDW3	Drywall #3
MFP	Felt Paper
MBI	Blown in Insulation
TFPy	Gray Flue Packing
TFPylight	Light Gray Flue Packing
TFPt	Tan Flue Packing
TDW	Duct Paper

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

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 2nd Floor Dining Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, **FURNACES**, HEATERS AND TANKS – 2 Furnaces in Basement

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

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement.

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 3 Gas Meters on Exterior

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
004	4	Composite	Brown/Black Fiberboard	Asbestos Not Present	Cellulose 90	Tar
005	5	Composite	Brown/Black Fiberboard	Asbestos Not Present	Cellulose 90	Tar
006	6	Composite	Brown/Black Fiberboard	Asbestos Not Present	Cellulose 90	Tar
007	7	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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
008	8	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Paint
009	9	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
010	10	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
011	11	Layered	White Sheet Vinyl Backing	Asbestos Not Present	Cellulose 50 Glass Fiber 20	Binder
011a		Layered	Tan Sheet Vinyl Backing	Asbestos Not Present	Cellulose 30 Glass Fiber 10 Synthetic 10	Binder
012	12	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 5 Synthetic 5	Vinyl
013	13	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl
015	15	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl
016	16	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
017	17	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 20	Vinyl
018	18	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 70	Cork Binder
019	19	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
020	20	Homogeneous	White Ceiling 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
021	21	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA		CaCO3 Paint
022	22	Layered	White Joint Compound	Asbestos Not Present	Cellulose	70	CaCO3 Paint
022a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
023	23	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Paint
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
024	24	Layered	White Joint Compound	Asbestos Not Present	Cellulose	70	CaCO3
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232717
Account Number: B929
Date Received: 03/07/2014
Received By: Joanna Mueller
Date Analyzed: 03/07/2014
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: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand
026	26	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand Paint
027	27	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 3	Quartz Sand Paint
028	28	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 2	Quartz Sand Paint
029	29	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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

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

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
029a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	3	Quartz Sand
030	30	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	3	Quartz Sand Paint
031	31	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	3	Quartz Sand Paint
032	32	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	5 15	Vinyl Foam
033	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
034	34	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	60	Tar Paint
035	35	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA		Vinyl

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

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	36	Homogeneous	Beige Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl
037	37	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl
038	38	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 99	
039	39	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 70	Cork
040	40	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 98	
041	41	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
041a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum

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

QUANTEM® LABORATORIES

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Polarized Light Microscopy Asbestos Analysis Report

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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: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
042	42	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
042a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
043	43	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
043a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
044	44	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	98	
045	45	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
046	46	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232717
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Client: Harenda Management Group
Jolene Harenda
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
047	47	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
048	48	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
049	49	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
050	50	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
051	51	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 99	
052	52	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 99	
053	53	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 99	

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232717
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Date Received: 03/07/2014
Received By: Joanna Mueller
Date Analyzed: 03/07/2014
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: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
054	54	Homogeneous	Beige Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl Foam
055	55	Layered	Tan Stucco	Asbestos Not Present	NA	Quartz CaCO3
055a		Layered	Gray Stucco	Asbestos Not Present	NA	Quartz Sand
056	56	Homogeneous	Gray Stucco	Asbestos Not Present	NA	Quartz Sand
057	57	Homogeneous	Light Gray Insulation	Asbestos Present Chrysotile 80	Cellulose 15	Binder
058	58	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 35	Gypsum
059	59	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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

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Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2532-34

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
060	60	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
061	61	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
062	62	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
063	63	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

Sandy Baker, Analyst

3/7/2014
Date of Report

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

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232717
Accept	Reject

Contact Information			Project Information		Report Results (☑ one box)	
Company:	Harenda Management Group	Phone: (414) 383-4800	Project Name:	DNS	☑	QuanTEM Website
Contact:	Dean Jacobsen	Cell Phone:	Project Location:	Milwaukee, WI	☐	Other email
Account #:	B929	E-mail: djacobsen@harenda.com	Project ID:	14-200-061.2532-34		
SAMPLED BY:	Name:	Date:	P.O. Number:			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/6/14 1800	FedEx	[signature]	3/7/14 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☑	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☑	24 - Hour
☐	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				Do Not Test Mastic
8	8	☐				
9	9	☐				
10	10	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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For Lab Use Only	
Lab No. 232717	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				Do Not Test Matrix
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	30	☐				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232717	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	☒				
32	32	☐				Do Not Test Mastic
33	33	☐				
34	34	☐				
35	35	☐				
36	36	☐				
37	37	☐				
38	38	☐				
39	39	☐				
40	40	☐				
41	41	☐				
42	42	☐				
43	43	☐				
44	44	☐				
45	45	☐				
46	46	☐				
47	47	☐				
48	48	☐				
49	49	☐				
50	50	☑				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 2327107
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
51	51	☒				
52	52	☐				
53	53	☐				
54	54	☐				Do Not Test Mastic
55	55	☐				
56	56	☐				
57	57	☐				
58	58	☐				
59	59	☐				
60	60	☐				
61	61	☐				
62	62	☐				
63	63	☒				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Mixed Use Building
2001 West Clarke Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 14-200-061.2001
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

February 2014

TABLE OF CONTENTS

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 2001 West Clarke Street, Milwaukee, Wisconsin.

The inspection included plaster, paper insulation, ceiling tile, linoleum, tar paper, window glazing compound, flue packing, aircell pipe insulation, and fittings 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 February 17, 2014 HMG conducted an asbestos inspection of a mixed use building, scheduled for mechanical demolition, located at 2001 West Clarke Street, Milwaukee, Wisconsin. The inspection was conducted by Demicca Coe, Wisconsin License No. AII – 156385.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, paper insulation, ceiling tile, linoleum, tar paper, window glazing compound, flue packing, aircell pipe insulation, and fittings. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1-2001	Exterior – south wall under wood – tar paper	Negative	N/A	MPT
2-2001	Exterior – west wall under wood – tar paper	Negative	N/A	MPT
3-2001	Exterior – west wall under wood – tar paper	Negative	N/A	MPT
4-2001	1st floor – living room – west side – 1' x 1' ceiling tile	Negative	N/A	MSCT11
5-2001	1st floor – living room – east side – 1' x 1' ceiling tile	Negative	N/A	MSCT11
6-2001	2nd floor – south room – 1' x 1' ceiling tile	Negative	N/A	MSCT11
7-2001a	2nd floor – bedroom – west wall – plaster skim coat	Negative	N/A	SPl
7-2001b	2nd floor – bedroom – west wall – plaster base coat	Negative	N/A	SPl
8-2001a	2nd floor – pantry – south wall – plaster skim coat	Negative	N/A	SPl
8-2001b	2nd floor – pantry – south wall – plaster base coat	Negative	N/A	SPl
9-2001a	1st floor – bathroom – south wall – plaster skim coat	Negative	N/A	SPl
9-2001b	1st floor – bathroom – south wall – plaster base coat	Negative	N/A	SPl
10-2001a	2nd floor – stair – north wall – plaster skim coat	Negative	N/A	SPl
10-2001b	2nd floor – stair – north wall – plaster base coat	Negative	N/A	SPl
11-2001	1st floor – bathroom – west wall – plaster	Negative	N/A	SPl
12-2001	1st floor – pantry – black linoleum	Negative	N/A	MFLk
13-2001	1st floor – bathroom – remnant on floor – beige linoleum	Negative	N/A	MFLe
14-2001	1st floor – bathroom – remnant on floor – tan linoleum	Negative	N/A	MFLt
15-2001	1st floor – bathroom – remnant on floor – orange linoleum	Negative	N/A	MFLo
16-2001	1st floor – sink room – under floor tile – tar paper	Negative	N/A	MPT
17-2001	1st floor – closet – west window – glazing compound	Negative	N/A	MPG
18-2001	2nd floor – bedroom – east window – glazing compound	Negative	N/A	MPG
19-2001	Basement – north window – glazing compound	Negative	N/A	MPG
20-2001	1st floor – store area – under floor tile – green linoleum	Negative	N/A	MFLg
21-2001	**Basement – on southeast chimney – flue packing**	**Positive 10% Chrysotile**	**2 Sq. Ft.**	**TFP**

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
22-2001	Basement – on northeast chimney north side – flue packing #2	Negative	N/A	TFP2
23-2001	Basement – on northeast chimney north side – flue packing #3	Negative	N/A	TFP3
24-2001	**Basement – <5" diameter pipe insulation fitting**	**Positive 20% Chrysotile**	**28 Fittings**	**TM5**
25-2001	**Basement northeast – <5" diameter aircell pipe insulation *100 sq. ft. of floor contaminated***	**Positive 70% Chrysotile**	**220 Ln. Ft.**	**TA5**
26-2001	**Basement southeast – <5" diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**Reference 25-2001**	**TA5**
27-2001	**Basement oil tank room – <5" diameter aircell pipe insulation**	**Positive 85% Chrysotile**	**Reference 25-2001**	**TA5**
28-2001	2nd floor – stair – on landing – brown linoleum	Negative	N/A	MFLn
29-2001	2nd floor – bedroom – black and green linoleum	Negative	N/A	MFLkg

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,100 Sq. Ft.
1st	Hall/Store/Sink Room/Kitchen	Floor Tile & Mastic	750 Sq. Ft
1st	Living Room/Pantry/Bathroom/ Stair	Floor & Ceiling Mastic	220 Sq. Ft
2nd	Bedroom	Floor Mastic	130 Sq. Ft

Homogeneous Material Codes

SPl	Plaster
MPI	Paper Insulation
MSCT11	1' x 1' Ceiling Tile
MPT	Tar Paper
MPG	Glazing Compound
MFLk	Black Linoleum
MFLe	Beige Linoleum
MFLt	Tan Linoleum
MFLo	Orange Linoleum
MFLg	Green Linoleum
MFLn	Brown Linoleum
MFLkg	Black & Green Linoleum
TFP	Flue Packing
TFP2	Flue Packing #2
TFP3	Flue Packing #3
TM5	<5" Diameter Pipe Insulation Fitting
TA5	<5" Diameter Aircell Pipe Insulation

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

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

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

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

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

4	Fluorescent Lights – 1st Floor Office & Bathroom
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS – 3 Breaker Boxes in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
2	Oil Tanks – Basement
N/A	Well Abandonment
N/A	Junk Auto Tires
N/A	Junk Vehicles

VIII. LABORATORY RESULTS

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232057
Account Number: B929

Date Received: 02/18/2014
Received By: Sherrie Leftwich
Date Analyzed: 02/18/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2001

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1-2001	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	95	Binder
002	2-2001	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	95	Binder
003	3-2001	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	95	Binder
004	4-2001	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose	95	Paint
005	5-2001	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
006	6-2001	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
007	7-2001	Layered	White Skim Coat	Asbestos Not Present	NA		Sand CaCO3

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2001

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
008	8-2001	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
008a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
009	9-2001	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
009a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
010	10-2001	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232057
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Date Received: 02/18/2014
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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: 14-200-061.2001

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	11-2001	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
012	12-2001	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 100	
013	13-2001	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
014	14-2001	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
015	15-2001	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 30	Binder
016	16-2001	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
017	17-2001	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232057
Account Number: B929

Date Received: 02/18/2014
Received By: Sherrie Leftwich
Date Analyzed: 02/18/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2001

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18-2001	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
019	19-2001	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
020	20-2001	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 25	Tar Binder
021	21-2001	Homogeneous	White Insulation	Asbestos Present Chrysotile 10	NA	CaCO3
022	22-2001	Homogeneous	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
023	23-2001	Homogeneous	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
024	24-2001	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 20	NA	CaCO3

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232057
Account Number: B929
Date Received: 02/18/2014
Received By: Sherrie Leftwich
Date Analyzed: 02/18/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.2001

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25-2001	Homogeneous	White Insulation	Asbestos Present Chrysotile 70	Cellulose 5	Binder
026	26-2001	Homogeneous	White Insulation	Asbestos Present Chrysotile 75	Cellulose 5	Binder
027	27-2001	Homogeneous	White Insulation	Asbestos Present Chrysotile 85	NA	Binder
028	28-2001	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 15 Synthetic 10	Binder
029	29-2001	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 25	Tar

Cristal Veech, Analyst

2/18/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232057
Accept	Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-0[illegible].2001
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	2/17/14 1800	FedEx	S Kiffmeyer	2/18/14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1-2001	☒				
2	2-2001	☐				
3	3-2001	☐				
4	4-2001	☐				
5	5-2001	☐				
6	6-2001	☐				
7	7-2001	☐				
8	8-2001	☐				
9	9-2001	☐				
10	10-2001	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232057
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11-2001	☒				
12	12-2001	☐				Do Not Test Mastic
13	13-2001	☐				
14	14-2001	☐				
15	15-2001	☐				
16	16-2001	☐				
17	17-2001	☐				
18	18-2001	☐				
19	19-2001	☐				
20	20-2001	☐				
21	21-2001	☐				
22	22-2001	☐				
23	23-2001	☐				
24	24-2001	☐				
25	25-2001	☐				
26	26-2001	☐				
27	27-2001	☐				
28	28-2001	☐				Do Not Test Mastic
29	29-2001	☑				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Demicca Andrea Marie Coe

1237 W Bruce St

Milwaukee WI 53204-1218

		150 lbs	5' 01"
AII-156385	Exp: 09/26/2014	09/08/1971	Female

Training due by: 09/26/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Three Family Dwelling
1303 West Meinecke 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.: 14-200-061.1303
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling at 1303 West Meinecke Avenue, Milwaukee, Wisconsin.

The inspection included plaster, texture, window glazing compound, paper insulation, linoleum, fiberboard, ceiling tile, leveling compound, aircell insulation, flue packing, floor tile, and drywall/joint compound and 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 March 13, 2014 HMG conducted an asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 1303 West Meinecke 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.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, window glazing compound, paper insulation, linoleum, fiberboard, ceiling tile, leveling compound, aircell insulation, flue packing, floor tile, and drywall/joint compound. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – south window – glazing compound	Negative	N/A	MPG
2	Exterior – east wall under wood siding – paper insulation	Negative	N/A	MPI
3	Exterior – north wall under wood siding – paper insulation	Negative	N/A	MPI
4	Exterior – west wall under wood siding – paper insulation	Negative	N/A	MPI
5	1st floor – kitchen – brown linoleum	Negative	N/A	MFLn
6	1st floor – west entry – brown and black linoleum	Negative	N/A	MFLnk
7	1st floor – west entry – under linoleum – fiberboard	Negative	N/A	MFB
8a	1st floor – living room – east side under carpet – black linoleum	Negative	N/A	MFLk
8b	1st floor – living room – east side under black linoleum – red linoleum	Negative	N/A	MFLr
9	1st floor – living room – west side under carpet – black linoleum	Negative	N/A	MFLk
10	1st floor – living room – north side under carpet – black linoleum	Negative	N/A	MFLk
11	1st floor – bathroom – 2’ x 4’ grooved ceiling tile	Negative	N/A	MSCT24G
12	2nd floor – kitchen - brown and tan linoleum	Negative	N/A	MFLnt
13	2nd floor – bathroom - brown and gray linoleum	Negative	N/A	MFLny
14	2nd floor – bathroom – at door – leveling compound	Negative	N/A	MLC
15	**2nd floor – north bedroom – north side under carpet – orange linoleum**	**Positive 25% Chrysotile**	**180 Sq. Ft.**	**MFLo**
16	**2nd floor – north bedroom – south side under carpet – orange linoleum**	**Positive 25% Chrysotile**	**Reference Sample 15**	**MFLo**
17	**2nd floor – north bedroom – west side under carpet – orange linoleum**	**Positive 25% Chrysotile**	**Reference Sample 15**	**MFLo**
18	**2nd floor – west bedroom – under carpet – gold linoleum**	**Positive 25% Chrysotile**	**125 Sq. Ft.**	**MFLd**
19	2nd floor – living room – 2’ x 4’ pinholed and grooved ceiling tile	Negative	N/A	MSCT24PG

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
20a	2nd floor – north bedroom – east wall – plaster skim coat	Negative	N/A	SPl
20b	2nd floor – north bedroom – east wall – plaster base coat	Negative	N/A	SPl
21	2nd floor – living room – west wall – plaster	Negative	N/A	SPl
22a	2nd floor – bathroom – south wall – plaster skim coat	Negative	N/A	SPl
22b	2nd floor – bathroom – south wall – plaster base coat	Negative	N/A	SPl
23a	Basement – living room – ceiling – patch layer	Negative	N/A	SPl
23b	Basement – living room – ceiling – plaster skim coat	Negative	N/A	SPl
23c	Basement – living room – ceiling – plaster base coat	Negative	N/A	SPl
24	Basement – bedroom – south wall – plaster	Negative	N/A	SPl
25	2nd floor – kitchen – ceiling north side – texture	Negative	STX	MDW
26	2nd floor – kitchen – ceiling west side – texture	Negative	STX	MDW
27	2nd floor – kitchen – ceiling south side – texture	Negative	STX	MDW
28	Basement – stair landing – tan linoleum	Negative	N/A	MFLt
29	**Basement – stair – debris on steps – aircell insulation *Quantity is area of contaminated floor on steps and east room***	**Positive 65% Chrysotile**	**120 Sq. Ft.**	**TA**
30	**Basement – east room – on west wall – flue packing**	**Positive 15% Chrysotile**	**2 Sq. Ft.**	**TFP**
31	**Basement – stair – on lower concrete landing – 12" red floor tile**	**Positive 3% Chrysotile**	**45 Sq. Ft.**	**MF12r**
31	Basement – stair – on lower concrete landing – under floor tile – mastic	Negative	N/A	MF12r
31	Basement – stair – on lower concrete landing – under mastic – leveling compound	Negative	N/A	MF12r
32	**Basement – hall under carpet - 12" gray floor tile**	**Positive 4% Chrysotile**	**20 Sq. Ft.**	**MF12y**
32	Basement – hall under gray floor tile – mastic	Negative	N/A	MF12y
32	**Basement – hall 3rd layer - 12" yellow and brown floor tile on concrete**	**Positive 4% Chrysotile**	**20 Sq. Ft.**	**MF12ln**
32	Basement – hall under yellow and brown floor tile – mastic	Negative	N/A	MF12ln
33a	Basement – bathroom – 12" yellow floor tile	Negative	N/A	MF12l
33b	Basement – bathroom – under yellow floor tile – mastic	Negative	N/A	MF12l
34	Basement – bathroom – 1' x 1' ceiling tile	Negative	N/A	MSCT11
35	Basement – bathroom wall – fiberboard	Negative	N/A	MFB
36	Basement – kitchen – south side – beige and gray linoleum	Negative	N/A	MFLey
37	Basement – kitchen – center – beige and gray linoleum	Negative	N/A	MFLey
38	Basement – kitchen – north side – beige and gray linoleum	Negative	N/A	MFLey
39	Basement – kitchen – ceiling – texture #2	Negative	N/A	STX2
40	Basement – living room – ceiling – texture #2	Negative	N/A	STX2
41	Basement – bedroom – ceiling – texture #2	Negative	N/A	STX2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
42a	2nd floor – bathroom – west wall – joint compound	Negative	N/A	MDW
42b	2nd floor – bathroom – west wall – drywall	Negative	N/A	MDW

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	700 Sq. Ft.
1st	Kitchen/Bathroom/Stair	Floor Tile & Mastic	380 Sq. Ft.
1st	Entry	Floor Mastic	80 Sq. Ft.
2nd	Bathroom	Floor Mastic	40 Sq. Ft.
2nd	Kitchen	Floor Tile & Mastic	200 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
MPG	Glazing Compound
MFLn	Brown Linoleum
MFLnk	Brown & Black Linoleum
MFLk	Black Linoleum
MFLr	Red Linoleum
MFLnt	Brown & Tan Linoleum
MFLny	Brown & Gray Linoleum
MFLo	Orange Linoleum
MFLd	Gold Linoleum
MFLt	Tan Linoleum
MFLye	Gray & Beige Linoleum
MLC	Leveling Compound
MSCT24G	2’ x 4’ Grooved Celling Tile
MSCT24PG	2’ x 4’ Pinholed & Grooved Celling Tile
MSCT11	1’ x 1’ Celling Tile
MF12r	12” Red Floor Tile
MF12y	12” Gray Floor Tile
MF12ln	12” Yellow & Brown Floor Tile
MF12l	12” Yellow Floor Tile
MPI	Paper Insulation
MFB	Fiberboard
MFB2	Fiberboard #2
MDW	Drywall/Joint Compound
TA	Aircell Insulation
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: Additional aircell may be within walls and ceilings.

V. EXCLUSIONS

Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

N/A High Intensity Discharge
-Metal Halide
-High Pressure Sodium
-Mercury Vapor

N/A Neon

N/A Switches for lighting using mercury relays
-Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker Box & 1 Electric Meter in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

PCBs

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Light Ballasts

N/A Specialty Paints (such as for swimming pools or other industrial applications)

N/A Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 232986
Account Number: B929
Date Received: 03/14/2014
Received By: Joanna Mueller
Date Analyzed: 03/19/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
005	5	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber	5	Vinyl CaCO3
006	6	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
007	7	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	100	

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

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Layered	Multi-Color Linoleum	Asbestos Not Present	Cellulose	25	Tar Binder
008a		Layered	Red Flooring	Asbestos Not Present	Synthetic	20	Vinyl CaCO3
009	9	Homogeneous	Red Flooring	Asbestos Not Present	Synthetic	20	Vinyl CaCO3
010	10	Homogeneous	Red Flooring	Asbestos Not Present	Synthetic	20	Vinyl CaCO3
011	11	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
012	12	Homogeneous	Brown Flooring	Asbestos Not Present	NA		Vinyl CaCO3
013	13	Homogeneous	Brown Flooring	Asbestos Not Present	NA		Vinyl CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	White Joint Compound	Asbestos Not Present	NA	Gypsum
015	15	Homogeneous	Orange Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
016	16	Homogeneous	Orange Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
017	17	Homogeneous	Orange Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
018	18	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
019	19	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
020	20	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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

QUANTEM® LABORATORIES

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Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
021	21	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum Paint
022	22	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Paint
022a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
023	23	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
023a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
023b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232986
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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: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand CaCO3
025	25	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
026	26	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite Paint
028	28	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 10 Synthetic 15	Vinyl
029	29	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 20	Binder

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232986
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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: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	30	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 15	Cellulose 5	Binder
031	31	Layered	Red Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl CaCO3
031a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
031b		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3
032	32	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
032a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
032b		Layered	Brown Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232986
Account Number: B929
Date Received: 03/14/2014
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Date Analyzed: 03/19/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
032c		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
033	33	Layered	Tan Flooring	Asbestos Not Present	NA		Vinyl CaCO3
033a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
034	34	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	100	
035	35	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose	90	Paint
036	36	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
037	37	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232986
Account Number: B929
Date Received: 03/14/2014
Received By: Joanna Mueller
Date Analyzed: 03/19/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038	38	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
039	39	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Perlite
040	40	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
041	41	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
041a		Layered	Tan Texture	Asbestos Not Present	NA	Gypsum CaCO3
042	42	Layered	White Texture	Asbestos Not Present	NA	CaCO3
042a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum

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. 232986
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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: 14-200-061.1303

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Cristal Veech, Analyst

3/19/2014
Date of Report

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

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232986
	Accept Reject

Contact Information			
Company:	Harenda Management Group	Phone:	(414) 383-4800
Contact:	Dean Jacobsen	Cell Phone:	
Account #:	B929	E-mail:	djacobsen@harenda.com
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	14-200-061.1303
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/13/14 1800	FedEx	J Mueller	3/14/14 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	
☒	Bulk Analysis (EPA 600/R-93/116)
☐	400 Point Count
☐	1000 Point Count
☐	Gravimetric Preparation
☐	Particle ID

PLM	
☐	Vermiculite Attic Insulation (EPA 600/R-04/004)
☐	Other

PCM	
☐	NIOSH 7400

TEM	
☐	Air- AHERA
☐	Air- NIOSH 7402
☐	Air- ISO 10312
☐	Drinking Water- EPA 100.2
☐	Waste Water- EPA 600/4-83-043

TEM	
☐	Bulk- Presence / Absence EPA600/R-93/116
☐	Bulk- Quantitative [weight%]- Chatfield
☐	Dust- Presence / Absence
☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755
☐	Other

TURNAROUND TIME	
☐	Rush
☐	Same Day
☐	24 - Hour
☑	3 - Day
☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				
3	3	☐				
4	4	☐				
5	5	☐				Do Not Test Mastic
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232986
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
12	12	☐				Do Not Test Mastic
13	13	☐				
14	14	☐				
15	15	☐				
16	16	☐				
17	17	☐				
18	18	☐				
19	19	☐				
20	20	☐				
21	21	☐				
22	22	☐				
23	23	☐				
24	24	☐				
25	25	☐				
26	26	☐				
27	27	☐				
28	28	☐				
29	29	☐				
30	30	☒				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 232986
Accept Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	☑				
32	32	☐				
33	33	☐				
34	34	☐				
35	35	☐				
36	36	☐				
37	37	☐				
38	38	☐				
39	39	☐				
40	40	☐				
41	41	☐				
42	42	☑				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS SNIP INSPECTION REPORT
Job Site:

Three Family Dwelling
1865 North Humboldt 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.: 14-200-061.1865
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

March 2014

TABLE OF CONTENTS

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for possible asbestos containing materials in the dwelling 1865 North Humboldt Avenue Street, Milwaukee, Wisconsin.

The inspection included plaster, texture, flue packing, linoleum, window glazing compound, and fiberboard 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 February 27, 2014 HMG conducted an asbestos inspection of a three family dwelling, scheduled for mechanical demolition, located at 1865 North Humboldt Avenue, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14730.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP

regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, flue packing, linoleum, window glazing compound, and fiberboard. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1	Basement – on chimney – flue packing	Negative	N/A	TFP
2	1st floor – bathroom – white and gray linoleum	Negative	N/A	MFLwy
3a	**1st floor – northwest bedroom – west wall – patch layer**	**Positive 3% Chrysotile**	**80 Sq. Ft.**	**SPl**
3b	1st floor – northwest bedroom – west wall – plaster skim coat	Negative	N/A	SPl
3c	1st floor – northwest bedroom – west wall – plaster base coat	Negative	N/A	SPl
4a	1st floor – southwest bedroom – east wall – plaster skim coat	Negative	N/A	SPl
4b	1st floor – southwest bedroom – east wall – plaster base coat	Negative	N/A	SPl
5a	1st floor – dining room – south wall – plaster skim coat	Negative	N/A	SPl
5b	1st floor – dining room – south wall – plaster base coat	Negative	N/A	SPl
6a	1st floor – living room – north wall – plaster skim coat	Negative	N/A	SPl
6b	1st floor – living room – north wall – plaster base coat	Negative	N/A	SPl
7a	1st floor – front entry – east wall – plaster skim coat	Negative	N/A	SPl
7b	1st floor – front entry – east wall – plaster base coat	Negative	N/A	SPl
8	**1st floor – kitchen – north window – glazing compound**	**Positive 2% Chrysotile**	**35 Windows**	**MPG**
9	1st floor – dining room – south window – glazing compound	Negative	N/A	MPG
10	**Basement – east window – glazing compound**	**Positive 3% Chrysotile**	**Reference Sample 8**	**MPG**
11	1st floor – dining room closet – ceiling – texture	Negative	N/A	STX
12a	1st floor – dining room closet – west wall – texture	Negative	N/A	STX
12b	1st floor – dining room closet – west wall – texture layer 2	Negative	N/A	STX
13	1st floor – dining room closet – south wall – texture	Negative	N/A	STX
14	1st floor – bathroom ceiling – texture #2	Negative	N/A	STX2

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
15a	Exterior – east wall under shingle siding – tar paper	Negative	N/A	MPT
15b	Exterior – east wall under shingle siding – fiberboard	Negative	N/A	MFB
16a	Exterior – south wall under shingle siding – tar paper	Negative	N/A	MPT
16b	Exterior – south wall under shingle siding – fiberboard	Negative	N/A	MFB
17a	Exterior – west wall under shingle siding – tar paper	Negative	N/A	MPT
17b	Exterior – west wall under shingle siding – fiberboard	Negative	N/A	MFB

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

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Dwelling	Asphalt Shingles & Flashing	1,000 Sq. Ft.
1st /2nd	Dwelling	Asphalt Shingle Siding	2,800 Sq. Ft.
1st	Bathroom	Floor Mastic	40 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
MPG	Glazing Compound
MFLwy	White & Gray Linoleum
MFB	Fiberboard
MPT	Tar Paper
TFP	Flue Packing

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

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

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

V. EXCLUSIONS

Stair missing – no access to 2nd floor or attic. East ½ basement floor covered with debris and not accessible. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
2	**Refrigerators**, Freezers, Chillers – 1st Floor Kitchen
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
1	Fire Extinguishers (both **portable** and installed HALON suppression systems) – 1st Floor Kitchen
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

6	Fluorescent Lights - 1st Floor Bedroom, Basement
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 1st Floor Dining Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 2 Furnaces, 1 Boiler, & 2 Water Heaters in Basement

N/A	Mercury Flame Sensors by pilot lights
N/A	Manometers, Thermometers, Gauges
N/A	Pressure-trol
N/A	Float or Level Controls
1	Space Heaters – Basement

ELECTRICAL SYSTEMS – 3 Electric Meters on Exterior. 3 Breaker Boxes in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
1	Junk Auto Tires – Basement
N/A	Junk Vehicles

***** 3 Gas Meters, 1 Gallon Pesticide, 3 Gallons Paint, & 1 Gallon Antifreeze in Basement

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232504
Account Number: B929
Date Received: 02/28/2014
Received By: Joanna Mueller
Date Analyzed: 03/05/2014
Analyzed By: Gayle Ooten
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: 14-200-061.1865

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Stucco	Asbestos Not Present	NA	Quartz CaCO3
002	2	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
003	3	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
003a		Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
003b		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
004	4	Layered	Tan Skim Coat	Asbestos Not Present	NA	Quartz CaCO3 Paint
004a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite

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

QUANTEM® LABORATORIES

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

Polarized Light Microscopy Asbestos Analysis Report

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz CaCO3
006	6	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Tan Plaster	Asbestos Not Present	NA	Quartz CaCO3
007	7	Layered	Tan Skim Coat	Asbestos Not Present	NA	Gypsum CaCO3 Paint
007a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
008	8	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009	9	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
011	11	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012	12	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012a		Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
013	13	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014	14	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-061.1865

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
015	15	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
015a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	95	Binder
016	16	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
016a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	95	Binder
017	17	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
017a		Layered	Brown Fiberboard	Asbestos Not Present	Cellulose	95	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

Gayle Ooten, Analyst

3/5/2014
Date of Report

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

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232504
	(Accept) Reject

Contact Information			Project Information		Report Results (☑ one box)	
Company:	Harenda Management Group	Phone: (414) 383-4800	Project Name:	DNS	☑	QuanTEM Website
Contact:	Dean Jacobsen	Cell Phone:	Project Location:	Milwaukee, WI	☐	Other email
Account #:	B929	E-mail: djacobsen@harenda.com	Project ID:	14-200-061.1865		
SAMPLED BY:	Name:	Date:	P.O. Number:			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	2/27/14 1800	FedEx	J Mueller	2/28/14 9:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	☒				
2	2	☐				Do Not Test/Hold
3	3	☐				
4	4	☐				
5	5	☐				
6	6	☐				
7	7	☐				
8	8	☐				
9	9	☐				
10	10	☒				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 232504	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☑				
12	12	☑				
13	13	☑				
14	14	☑				
15	15	☑				
16	16	☑				
17	17	☑				
18		☐				
19		☐				
20		☐				
21		☐				
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

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IX. HMG CERTIFICATION

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept of Health Services

Dean T Jacobsen

W1316781 Kipling Dr

Muskego WI 53150-3401

		160 lbs	5' 08"
All-14370	Exp 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

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