



ASBESTOS INSPECTION REPORT
Job Site:

Fire Damaged
One Family Dwelling
1405 West Congress Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 16-400-014.1405
Contract No.: 360-16-0745

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

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2016

TABLE OF CONTENTS

I. Introduction.....2

II. Building Survey2

III. The Laboratory.....2
 A. Method of Analysis

IV. Findings and Observations.....3

V. Exclusions.....5

VI. Limitations6

VII. Pre-Demolition Environmental Checklist..... 7

VIII. Laboratory Results11

IX. HMG Certifications12

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the dwelling at 1405 West Congress Street, Milwaukee, Wisconsin.

The inspection included caulk, paper insulation, mortar, tar paper, drywall/joint compound, ceiling tile, blown in insulation, linoleum, flue packing, asphalt roofing, floor tile, and mastics to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code.*

II. BUILDING SURVEY

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

On July 26, 2016, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 1405 West Congress 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 asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials. Category I non-friable materials were assumed to be asbestos containing and not sampled.
3. Quantification of observable positive (>1%) materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. A point count analysis is performed for samples where the polarized light microscopy result is close to 1%. The point count is a more accurate fiber counting method and takes precedence over the polarized light microscopy result. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include caulk, paper insulation, mortar, tar paper, drywall/joint compound, ceiling tile, blown in insulation, linoleum, flue packing, asphalt roofing, floor tile, and mastics. These materials were sampled and the following results were noted:

| Sample # | Location and Description | Results | Homogeneous Code |
|----------|--|---------------------------|------------------|
| 1 | Exterior – on around north door – white caulk | Trace <1% Chrysotile | MCLKw |
| 1 | POINT COUNT RESULT | Trace 0.5% Chrysotile | MCLKw |
| 2 | Exterior – on around east window – white caulk | Trace <1% Chrysotile | MCLKw |
| 2 | POINT COUNT RESULT | Trace 0.75% Chrysotile | MCLKw |
| 3 | Exterior – on around south door – white caulk | Trace <1% Chrysotile | MCLKw |
| 3 | POINT COUNT RESULT | Trace 0.5% Chrysotile | MCLKw |
| 4 | Exterior – north wall under aluminum siding – tan paper insulation | Negative | MPIt |
| 5 | Exterior – east wall under aluminum siding – tan paper insulation | Negative | MPIt |
| 6 | Exterior – south wall under aluminum siding – tan paper insulation | Negative | MPIt |
| 7 | Basement – on windows – glass block mortar | Negative | MGBM |
| 8a | 1 st floor – northeast room – under floor tile – tar paper | Negative | MPT |
| 8b | 1 st floor – northeast room – under– tar paper – brown mastic | Negative | MPT |
| 9a | 1 st floor – northwest room – under floor tile – tar paper | Negative | MPT |
| 9b | 1 st floor – northwest room – under– tar paper – brown mastic | Negative | MPT |
| 10a | 1 st floor – bathroom – under floor tile – tar paper | Negative | MPT |
| 10b | 1 st floor – bathroom – under– tar paper – brown mastic | Negative | MPT |
| 11 | 1 st floor – northeast room – in north wall – silver paper insulation | Negative | MPIs |
| 12 | 1 st floor – northwest room – in north wall – silver paper insulation | Negative | MPIs |
| 13 | 1 st floor – southwest room – in north wall – silver paper insulation | Negative | MPIs |

| Sample # | Location and Description | Results | Homogeneous Code |
|----------|--|-------------------------|------------------|
| 14 | 1 st floor – northeast room – around wood window frame – black caulk | Positive 20% Chrysotile | MCLKk |
| 15 | 1 st floor – northwest room – around wood window frame – black caulk | Positive 20% Chrysotile | MCLKk |
| 16 | 1 st floor – southwest room – around wood window frame – black caulk | Positive 20% Chrysotile | MCLKk |
| 17 | 1 st floor – northeast room – on north window – clear caulk | Negative | MCLKc |
| 18 | 1 st floor – northwest room – on west window – clear caulk | Negative | MCLKc |
| 19 | 1 st floor – southwest room – on south window – clear caulk | Negative | MCLKc |
| 20 | 1 st floor – northeast room – west wall – drywall | Negative | MDW |
| 21a | 1 st floor – northeast room – 1' x 1' ceiling tile | Negative | MSCT11 |
| 21b | 1 st floor – northeast room – under 1' x 1' ceiling tile – brown mastic | Negative | MSCT11 |
| 22a | 1 st floor – northwest room – 1' x 1' ceiling tile | Negative | MSCT11 |
| 22b | 1 st floor – northwest room – under 1' x 1' ceiling tile – brown mastic | Negative | MSCT11 |
| 23a | 1 st floor – southwest room – 1' x 1' ceiling tile | Negative | MSCT11 |
| 23b | 1 st floor – southwest room – under 1' x 1' ceiling tile – brown mastic | Negative | MSCT11 |
| 24 | 1 st floor – living room – on floor – blown in insulation | Negative | MBI |
| 25 | 1 st floor – kitchen – on floor – blown in insulation | Negative | MBI |
| 26 | Attic – on floor – blown in insulation | Negative | MBI |
| 27 | 1 st floor – kitchen – under floor tile – tan and gold linoleum | Positive 20% Chrysotile | MFLtd |
| 28 | 1 st floor – bathroom – under wall panels – tan mastic | Negative | MWMt |
| 29 | Basement – stair landing – under floor tile – white linoleum | Positive 60% Chrysotile | MFLw |
| 30a | Basement – on chimney – flue packing bottom layer | Positive 5% Chrysotile | TFP |
| 30b | Basement – on chimney – flue packing top layer | Positive 35% Chrysotile | TFP |

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

| Material | Homogeneous Code | Location | Approximate Quantity |
|---------------------|------------------|---|----------------------|
| Black Caulk | MCLKk | Interior in Walls Around Window & Door Frames | 14 Windows & 2 Doors |
| Tan & Gold Linoleum | MFLtd | Kitchen Under Fire Debris & Floor Tile | 130 Sq. Ft. |
| White Linoleum | MFLw | Basement Stair Landing Under Floor Tile | 10 Sq. Ft. |
| Flue Packing | TFP | Basement on Chimney | 2 Sq. Ft. |

Assumed Category I Non-Friable Asbestos Containing Material:

| Floor Level | Location | Description | Quantity |
|-----------------|-----------|-----------------------------|---------------|
| Roof | Dwelling | Asphalt Shingles & Flashing | 750 Sq. Ft. |
| 1 st | All Rooms | Floor Tile & Mastic | 1,100 Sq. Ft. |

Homogeneous Material Codes

| | |
|--------|-------------------------|
| MCLKw | White Caulk |
| MCLKk | Black Caulk |
| MCLKc | Clear Caulk |
| MPIt | Tan Paper Insulation |
| MPIs | Silver Paper Insulation |
| MGBM | Glass Block Mortar |
| MPT | Tar Paper |
| MDW | Drywall |
| MSCT11 | 1' x 1' Ceiling Tile |
| MBI | Blown in Insulation |
| MFLtd | Tan & Gold Linoleum |
| MFLw | White Linoleum |
| MWMt | Tan Wall Mastic |
| TFP | Gray Flue Packing |

Note#1: The linoleums and flue packing are friable materials and must be abated by a Wisconsin certified asbestos company prior to demolition.

The black caulk is a category II non-friable material. It is not likely that this material will become crumbled, pulverized or reduced to powder during demolition. Abatement of the black mastic on tar paper is not recommended.

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

Note#2: Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

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

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

V. EXCLUSIONS

Roof visible only from ground. Areas within walls and ceilings were not accessible. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY

Products that may contain mercury:

LIGHTING

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

HVAC

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

| | |
|------------|-----------------|
| <u>N/A</u> | Old Thermostats |
| <u>N/A</u> | Aquastats |
| <u>N/A</u> | Firestats |
| <u>N/A</u> | Manometers |
| <u>N/A</u> | Thermometers |

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

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

ELECTRICAL SYSTEMS – 1 Breaker Box in Basement

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

PCBs

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

* 1 Water Meter, 1 Weed Trimmer, & 1 Quart Lighter Fluid in Basement

VIII. LABORATORY RESULTS



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

Polarized Light Microscopy Asbestos Analysis Report

| | |
|-------------------------------|----------------------------------|
| Quantem Lab No. 267266 | Client: Harenda Management Group |
| Account Number: B929 | Dean Jacobsen |
| Date Received: 07/27/2016 | 1237 West Bruce St. |
| Received By: Peyton Awbrey | Milwaukee, WI 53204 |
| Date Analyzed: 08/01/2016 | Project: DNS |
| Analyzed By: Dee Ammerman | Project Location: Milwaukee, WI |
| Methodology: EPA/600/R-93/116 | Project Number: 16-400-014.1405 |

| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|-----------------------|-----------------------------------|------------------------|----------------|
| 001 | 1 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile <1 | Talc | 3 CaCO3 Binder |
| 002 | 2 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile <1 | Talc | 3 CaCO3 Binder |
| 003 | 3 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile <1 | Talc | 3 CaCO3 Binder |
| 004 | 4 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose | 60 Foil |
| 005 | 5 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose | 60 Foil |
| 006 | 6 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose | 60 Foil |
| 007 | 7 | Layered | Black Tar Paper | Asbestos Not Present | Cellulose | 70 Tar |

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

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



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| Methodology: EPA/600/R-93/116 | Project Number: 16-400-014.1405 |

| QuantEM Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|---------------------|----------------------|------------------------|-------------|
| 007a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue CaCO3 |
| 008 | 8 | Layered | Black Tar Paper | Asbestos Not Present | Cellulose 70 | Tar |
| 008a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue CaCO3 |
| 009 | 9 | Layered | Black Tar Paper | Asbestos Not Present | Cellulose 70 | Tar |
| 009a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue CaCO3 |
| 010 | 10 | Layered | Black Tar Paper | Asbestos Not Present | Cellulose 70 | Tar |

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| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|---------------------|-----------------------------------|------------------------|-------------|
| 010a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue CaCO3 |
| 011 | 11 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose 40 | Tar Foil |
| 012 | 12 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose 40 | Tar Foil |
| 013 | 13 | Homogeneous | Tan Paper | Asbestos Not Present | Cellulose 40 | Tar Foil |
| 014 | 14 | Homogeneous | Black Mastic | Asbestos Present Chrysotile 20 | NA | Tar |
| 015 | 15 | Homogeneous | Black Mastic | Asbestos Present Chrysotile 20 | NA | Tar |
| 016 | 16 | Homogeneous | Black Mastic | Asbestos Present Chrysotile 20 | NA | Tar |

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| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|---------------------|----------------------|--------------------------|----------------|
| 017 | 17 | Homogeneous | Clear Caulk | Asbestos Not Present | NA | Silicone |
| 018 | 18 | Homogeneous | Clear Caulk | Asbestos Not Present | NA | Silicone |
| 019 | 19 | Homogeneous | Clear Caulk | Asbestos Not Present | NA | Silicone |
| 020 | 20 | Homogeneous | White Sheetrock | Asbestos Not Present | Cellulose Glass Fiber | 15 5 Gypsum |
| 021 | 21 | Layered | Tan Ceiling Tile | Asbestos Not Present | Cellulose | 90 Paint |
| 021a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue |

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| QuantEM Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|---------------------|----------------------|------------------------|-------------|
| 022 | 22 | Layered | Tan Ceiling Tile | Asbestos Not Present | Cellulose 90 | Paint |
| 022a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue |
| 023 | 23 | Layered | Tan Ceiling Tile | Asbestos Not Present | Cellulose 90 | Paint |
| 023a | | Layered | Brown Mastic | Asbestos Not Present | NA | Glue |
| 024 | 24 | Homogeneous | Gray Insulation | Asbestos Not Present | Cellulose 100 | |
| 025 | 25 | Homogeneous | Gray Insulation | Asbestos Not Present | Cellulose 100 | |
| 026 | 26 | Homogeneous | Gray Insulation | Asbestos Not Present | Cellulose 100 | |

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| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|---------------------|-----------------------------------|------------------------|--------------|
| 027 | 27 | Homogeneous | Yellow Sheet Vinyl | Asbestos Present Chrysotile 20 | Cellulose 10 | CaCO3 Vinyl |
| 028 | 28 | Homogeneous | Yellow Mastic | Asbestos Not Present | NA | Glue CaCO3 |
| 029 | 29 | Homogeneous | Gray Insulation | Asbestos Present Chrysotile 60 | Cellulose 30 | Binder |
| 030 | 30 | Layered | Tan Insulation | Asbestos Present Chrysotile 5 | Glass Fiber 60 | Binder |
| 030a | | Layered | Gray Insulation | Asbestos Present Chrysotile 35 | NA | CaCO3 Binder |

Dee Ammerman

Dee Ammerman, Analyst

8/1/2016

Date of Report

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

| | |
|---|--|
| For Lab Use Only | |
| Lab No. <u>2107116</u> | Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/> |
| Report Results (<input checked="" type="checkbox"/> one box) | |
| <input checked="" type="checkbox"/> QuanTEM Website | <input type="checkbox"/> Other <u>email</u> |

| 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: 16-400-014.1405 | |
| SAMPLED BY: Name: | Date: | P.O. Number: | |

| RELINQUISHED BY | DATE & TIME | VIA | RECEIVED BY | DATE & TIME |
|----------------------|---------------------|--------------|-------------|---------------------|
| <u>Dean Jacobsen</u> | <u>7/26/16 1700</u> | <u>FedEx</u> | <u>PA</u> | <u>7/27/16 9:45</u> |

REQUESTED SERVICES (Please the Appropriate Boxes)

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

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



ASBESTOS CHAIN OF CUSTODY

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

| | |
|---|------------------------------|
| For Lab Use Only | |
| Lab No. <u>Ue72e6</u> | |
| <input checked="" type="radio"/> Accept | <input type="radio"/> Reject |

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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

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



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

Polarized Light Microscopy Asbestos Analysis Report

| | |
|-------------------------------|----------------------------------|
| Quantem Lab No. 267671 | Client: Harenda Management Group |
| Account Number: B929 | Dean Jacobsen |
| Date Received: 08/04/2016 | 1237 West Bruce St. |
| Received By: Rachel Brooks | Milwaukee, WI 53204 |
| Date Analyzed: 08/05/2016 | Project: DNS-PTCT for 267266 |
| Analyzed By: Dee Ammerman | Project Location: Milwaukee, WI |
| Methodology: EPA/600/R-93/116 | Project Number: 16-400-014.1405 |

| Quantem Sample ID | Client Sample ID | Composition | Color / Description | Asbestos (%) | Non-Asbestos Fiber (%) | Non Fibrous |
|-------------------|------------------|-------------|-----------------------|--|------------------------|-------------|
| 001 | 1 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile 0.50 400 Point Count | NA | |
| 002 | 2 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile 0.75 400 Point Count | NA | |
| 003 | 3 | Homogeneous | Tan Window Glazing | Asbestos Present Chrysotile 0.50 400 Point Count | NA | |

Dee Ammerman, Analyst

8/5/2016

Date of Report

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

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



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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

| | |
|--|---------------------------------|
| For Lab Use Only | |
| Lab No. <u>267266</u> | |
| <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Reject |

| Contact Information | | Project Information | |
|--|--------------------------------------|--|--|
| Company: Harenda Management Group | Phone: (414) 383-4800 | Project Name: DNS | Report Results (<input checked="" type="checkbox"/> one box) <input checked="" type="checkbox"/> Quantem Website <input type="checkbox"/> Other email _____ |
| Contact: Dean Jacobsen | Cell Phone: | Project Location: Milwaukee, WI | |
| Account #: B929 | E-mail: djacobsen@harenda.com | Project ID: 16-400-014.1405 | |
| SAMPLED BY: Name: | Date: | P.O. Number: | |

| RELINQUISHED BY | DATE & TIME | VIA | RECEIVED BY | DATE & TIME |
|--------------------|-------------|-------|--------------------|-------------|
| <i>[Signature]</i> | 8/3/16 1645 | Email | <i>[Signature]</i> | 8/4/16 8:00 |

REQUESTED SERVICES (Please the Appropriate Boxes)

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

| No. | Sample ID (10 Characters Max) | <input checked="" type="checkbox"/> To Be Analyzed | Color | Description | Volume / Area (as applicable) | Comments / Notes |
|-----|-------------------------------|--|-------|-------------|-------------------------------|-----------------------|
| 1 | 1 | <input checked="" type="checkbox"/> | | | | Quantem Lab #: 267266 |
| 2 | 2 | <input checked="" type="checkbox"/> | | | | |
| 3 | 3 | <input checked="" type="checkbox"/> | | | | |
| 4 | | <input type="checkbox"/> | | | | |
| 5 | | <input type="checkbox"/> | | | | |
| 6 | | <input type="checkbox"/> | | | | |
| 7 | | <input type="checkbox"/> | | | | |
| 8 | | <input type="checkbox"/> | | | | |
| 9 | | <input type="checkbox"/> | | | | |
| 10 | | <input type="checkbox"/> | | | | |

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 07/29/2015
Expiration Date: 08/31/2017, 12:01 a.m.
Certification #: CAP-480540

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



Shelley A Bruce
Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Kitty Rhoades
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

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

November 6, 2015

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

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

Renewing Your Certification

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

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

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

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

Certified Company Affiliation

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

To Update Information and Apply Online

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

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

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

COPY

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

Dean T Jacobsen
W131s6781 Kipling Dr
Muskego WI 53150-3401

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

Training due by: 12/01/2016