

OFFICIAL NOTICE

PUBLISHED BY THE DEPARTMENT OF NEIGHBORHOOD  
SERVICES OF THE CITY OF MILWAUKEE

**INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 3-17-2020**

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Sec. 7-22-3, Milwaukee City Charter, will receive sealed bids for furnishing all labor and materials and performing all work necessary for and incidental to the demolition of fourteen (14) primary buildings and five (5) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time) on Tuesday, March 17, 2020**, at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

1. Bids shall be awarded to lowest, qualified, responsive, and responsible bidder on a per parcel basis.
2. All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner. **IN THE EVENT THE COMMISSIONER, DURING THE SIXTY DAYS FOLLOWING BID OPENING, TAKES NO ACTION RELATIVE TO THE BID OR BIDS RECEIVED, THEN THE BID OR BIDS SHALL BECOME NULL AND VOID WITHOUT RECOURSE OF ANY KIND BY EITHER THE BIDDER OR COMMISSIONER, ACTING ON BEHALF OF THE CITY.**

As part of the bid, each bidder shall submit a full and complete list of all the proposed subcontractors and the class of work to be performed by each, which list shall not be altered without the written consent of the Commissioner.

The Commissioner reserves the right to reject any and all bids at any time, if it is in the best interests of the City, and to waive any informalities in bidding.

Attention is called to the fact that: (a) the successful bidder will not discriminate against any qualified employee or qualified applicant for employment because of sex, race, religion, color, national origin or ancestry, age, disability, lawful source of income, marital status, sexual orientation, gender identity or expression, past or present membership in the military service, familial status, or based upon affiliation with, or perceived affiliation with any of these categories as provided by Section 109-9 of the Milwaukee Code of Ordinance This provision must be included in all subcontracts. (b) Contractor agrees that they will comply with all applicable requirements of the Americans with Disabilities Act of 1990, 42 U.S.C. 12101 et seq. (c) both parties understand that the City is bound by the Wisconsin Public Records Law, and as such all of the terms of this Agreement are subject to and conditioned on the provisions of Wis. Stat. Section 19.21, et seq. Contractor acknowledges that it is obligated to assist the City in retaining and producing records that are subject to Wisconsin Public Records Law, and that the failure to do so shall constitute a material breach of this Agreement, and that the Contractor must defend and hold the City harmless from liability under that law. Except as otherwise authorized, those records shall be maintained for a period of seven (7) years after receipt of final payment under this Agreement.

Successful bidder will be required to complete an Affidavit of Compliance/Disclosure of Participation in or Profits Derived from Slavery by Contractors before contract can be executed, if the company was established in or before 1865.

Small Business Enterprise (SBE) requirement for this project is 25% of the contract base bid.  
**For a complete listing of City of Milwaukee certified SBE firms please contact the Office of Small Business Development at 414-286-5534. More information can be found at [www.milwaukee.gov/osbd](http://www.milwaukee.gov/osbd)**

This bid includes a Local Business(LBE) incentive in accordance with Chapter 365 Milwaukee Code of Ordinances.

IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.

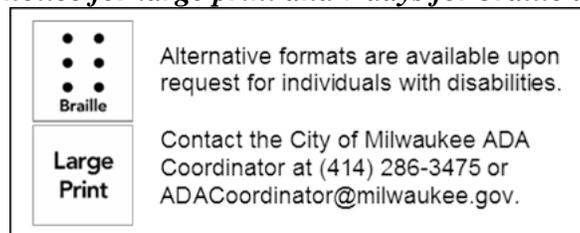
This bid includes Socially-Responsible Contractors (SRC) incentive in accordance with Chapter 310 Milwaukee Code of Ordinances. More information can be found at <https://city.milwaukee.gov/Purchasing/Programs/Socially-Responsible-Contractors-SRC-Program>.

COPIES OF THE CONTRACT DOCUMENTS MAY BE OBTAINED ELECTRONICALLY AT <http://city.milwaukee.gov/Demobids>

PRINTED COPIES MAY BE PURCHASED IN PERSON AT THE DEPARTMENT OF NEIGHBORHOOD SERVICES AT THE ADDRESS SHOWN BELOW. THE COST IS \$.20 PER PAGE.

**Anyone who requires an auxiliary aid or service for this event should contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or [ADACoordinator@milwaukee.gov](mailto:ADACoordinator@milwaukee.gov) as soon as possible but *no later than 72 hours before the scheduled event.***

**This material is available in alternative formats for individuals with disabilities upon request. Please contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or [ADACoordinator@milwaukee.gov](mailto:ADACoordinator@milwaukee.gov). Provide a 72 hour advance notice for large print and 7 days for braille documents.**



DEPARTMENT OF NEIGHBORHOOD SERVICES  
OF THE CITY OF MILWAUKEE  
841 NORTH BROADWAY RM 105  
MILWAUKEE WI 53202-3650

February 26, 2020  
February 27, 2020

BID DOCUMENTS  
FOR  
**MECHANICAL DEMOLITION PROJECT**  
**OPENING TUESDAY, MARCH 17, 2020**

Milwaukee, Wisconsin

DEPARTMENT OF NEIGHBORHOOD SERVICES

CITY OF MILWAUKEE

Room 105

841 North Broadway

Milwaukee, Wisconsin 53202-3650

**WHEN SUBMITTING A BID FOR THIS PROJECT, PLEASE  
USE FORMS INCLUDED IN THIS PACKET.**

## **5.0.0**

## **TECHNICAL SPECIFICATIONS**

(for this contract only)

### **5.1.0. PARCEL LOCATIONS AND DESCRIPTION OF STRUCTURES FOR MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, MARCH 17, 2020**

Parcel numbers, street addresses, approximate sizes of main structures to be demolished under this contract are listed in Section 5.7.0.

### **5.2.0. WORK BY OTHERS**

Certain disconnections from utilities to be made by others are noted under sec. 4.3.23., entitled "Utility Services: Protection and Disconnection."

### **5.3.0. WORK NOT INCLUDED IN CONTRACT**

- A. Work mentioned in Technical Specifications as not being a part of this contract.
- B. Replacing of curb and walk removed in connection with demolition of street walk basements (sidewalk vaults).
- C. Trees which are not damaged and are not obstructions to demolition as interpreted by the Commissioner, or unless otherwise noted in the Technical Specifications.

### **5.4.0. DEMOLITION WORK WITHIN PARCELS**

- A. The structures, including foundation walls, columns, piers, floors, partitions, and attached appurtenances shall be removed down to a level two feet below the present ground level unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS and in any case two feet below the accepted finished grade by any method allowable under the City Building Code except for the following provisions.
- B. It shall be understood that the Contractor shall take whatever precautions are necessary to protect the City sidewalk. The Contractor shall also provide protection to the electric power poles and lines.
- C. The Contractor shall remove all portions of footing and foundation walls to a depth of two feet below finish grade unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS. All building concrete slabs, concrete stoops and concrete stairs to the buildings are also to be removed.
- D. All material and debris which would be disallowed for use as fill by sec. 4.5.6. is to be completely removed from the site and properly disposed of in accordance with all Environmental Requirements (as defined in sec. 4.5.1. above), except with the express advance, written permission of the Commissioner.
- E. All concrete or masonry floors below existing grade shall be broken up to pieces no larger than approximately one foot in all directions to permit fill to drain.

### 5.5.0. SCHEDULE OF DRAWINGS

### 5.6.0. SCHEDULE OF DETAILED WORK WITHIN PARCELS (ALL WORK TO BE DONE IN ACCORDANCE WITH THE CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION AND SITE CLEARANCE GENERAL SPECIFICATIONS (1999 REVISION) )

Parcel 1 — 2871 North 10<sup>th</sup> Street – 1.5-story frame 1-family dwelling

Remove dwelling, retaining wall, garage slab, sidewalks, concrete steps, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 2 – 1625 South 17<sup>th</sup> Street – 1-story frame 1-family dwelling

Remove dwelling, fences, sidewalks, clothes poles, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 3 – 1933 South 23<sup>rd</sup> Street – 1.5-story frame 2-family front dwelling  
1933A South 23<sup>rd</sup> Street – 1-story frame 1-family rear dwelling

Remove front and rear dwellings, retaining wall, fences, sidewalks, concrete steps, railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 4 – 2458-58A North 24<sup>th</sup> Street – 2-story frame 2-family dwelling

Remove dwelling, sidewalks, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 5–1439-41 North 28<sup>th</sup> Street– 2-story frame 2-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, fences, sidewalks, bushes and shrubs. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 6– 2032 North 32<sup>nd</sup> Street – 2-story frame 1-family dwelling & 1-story masonry garage

Remove dwelling and garage, garage slab, fences, driveway and approach, sidewalks, trees at northwest corner of garage and one curb cut. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with Section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 7 – 5105 North 55<sup>th</sup> Street – 1.5-story frame 1-family dwelling & 1-story frame garage

Remove dwelling and garage, garage slab, driveway and approach, sidewalks, concrete steps and railings, trees, bushes and shrubs and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with Section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 8 – 1431 South Comstock Avenue – 1.5-story frame 1-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, driveway and approach, bushes and shrubs and one curb cut. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with Section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 9 – 2432 West Garfield Avenue – 2-story frame mixed use building, 2-story frame 2-family dwelling & 1-story frame garage

Remove mixed use building, duplex and garage, garage slab, two 200-gallon fuel oil tanks in basement, fences, driveway and approach, sidewalks, concrete steps, trees, bushes and shrubs and one curb cut. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with Section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 10 – 1901 West Grant Street – 2-story frame mixed use building

Remove mixed use building, driveway and approach, sidewalks, concrete steps and one curb cut. Because demolition will result in the discontinuance of the use of an existing driveway, removal of the driveway and restoration of the street pavement, curb, gutter and sidewalk shall be a condition of the issuance of the demolition permit in accordance with Section 218-6-10 of the Milwaukee Code of Ordinances. The cost of street pavement, curb, gutter and sidewalk removal and replacement is to be included in the bid price. Concrete work must be done by a licensed concrete contractor under DPW permit in accordance with DPW specifications. Any and all applicable permit fees are to be included in the bid price. Type 1 barricades with flashers must be placed in the road after curb removal. Barricades must be placed at each end of walk removal. Any winter protection of concrete is the responsibility of the contractor. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

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Parcel 11 – 1211 West National Avenue – 1-story frame 1-family dwelling

Remove dwelling, fences, patio, sidewalks, concrete steps, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (9 days to complete)**

Parcel 12 – 3720 West Sarnow Street – 1.5-story frame 2-family dwelling

Remove dwelling, patio, sidewalks, concrete steps and railings, bushes and shrubs. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **ASBESTOS-CONTAINING MATERIALS AND UNIVERSAL WASTE LISTED IN THE REPORT WAS ABATED BY THE CITY'S CONTRACTOR. (6 days to complete)**

Refer to Section 5.7.0 for ownership information on the parcels.

The City of Milwaukee has contacted We Energies to cut gas and electrical services. Contractor is responsible for verifying that ALL utilities have been disconnected prior to starting work.

**REQUIRED EROSION CONTROL MEASURES FOR PARCELS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN EROSION CONTROL PERMIT AND INSTALLING CONTROL MEASURES PER THE REQUIREMENTS OF CHAPTER 290 OF THE MILWAUKEE CODE OF ORDINANCES. MEASURES MUST BE IN PLACE PRIOR TO DEMOLITION ACTIVITIES COMMENCING. CONTROL MEASURES MUST BE INTACT AT FINAL INSPECTION AND ARE TO REMAIN ON SITE.**

**FAILURE TO REQUEST OPEN BASEMENT INSPECTION WILL RESULT IN THE INSPECTOR REQUIRING COMPLETE RE-EXCAVATION OF THE PARCEL.**

**CONTRACTOR IS REQUIRED TO CONTACT THIS DEPARTMENT TO ARRANGE FOR AN INSPECTION IF ADDITIONAL ASBESTOS-CONTAINING MATERIALS ARE FOUND IN THE BUILDING AFTER ASBESTOS ABATEMENT OR DEMOLITION HAS COMMENCED.**

**IF MORE THAN 5 WASTE TIRES ARE REMOVED FROM ANY SITE, THEY MUST BE TRANSPORTED BY A LICENSED WASTE TIRE TRANSPORTER. LICENSED TRANSPORTER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR. FOR INFORMATION ON LICENSED TRANSPORTERS, CONTACT CITY OF MILWAUKEE WASTE TIRE COORDINATOR AT 414-286-5028.**

**MANAGEMENT OF ANY MERCURY-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.**

**MANAGEMENT OF ANY PCB'S OR PCB-CONTAINING PRODUCTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, INCLUDING CHAPTER NR157 OF THE WISCONSIN ADMINISTRATIVE CODE.**

**ANY REFRIGERANTS ON SITES MUST BE RECLAIMED BY A CERTIFIED CFC RECLAIMER. CERTIFIED RECLAIMER MUST BE LISTED IN THE LIST OF SUBCONTRACTORS SUBMITTED WITH THE BID DOCUMENTS IF OTHER THAN PRIME CONTRACTOR.**

**IF THE DEPARTMENT OF NEIGHBORHOOD SERVICES (DNS) HAS BEEN HOLDING A CONTRACT PAYMENT FOR A YEAR AND STILL HAS NOT RECEIVED REQUIRED DOCUMENTATION FROM THE CONTRACTOR TO CLOSE OUT THE CONTRACT, DNS MAY NOTIFY THE CONTRACTOR THAT UNLESS THE DOCUMENTATION IS FORTHCOMING WITHIN THIRTY (30) DAYS, THE PAYMENT WILL BE FORFEITED.**

**5.7.0. LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED.  
(SEE ATTACHED)**

DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

FORMAL BIDS

The complete Bid Documents shall include Bids for Demolition form, one Noncollusion Affidavit of Prime Bidder, one Bid Bond form, one Bid Bond Form Affidavit, one Certificate as to Corporate Principal, a complete List of Subcontractors, a completed Form B (Compliance Plan for SBE participation) and the Price Breakdown Sheet.

**The demolition contractor must include the plumbing contractor, asbestos abatement contractor, certified CFC reclaimer, licensed waste tire transporter and concrete contractor in the List of Subcontractors.**

If any bidder has any questions as to the Bid Documents or Specifications, please contact this office by calling 414-286-2515.

# BID FOR DEMOLITION

Department of Neighborhood Services  
841 North Broadway  
Milwaukee, Wisconsin

Gentlemen:

1. The undersigned, having familiarized \_\_\_\_\_ with the existing conditions on the Project Area affecting the cost of the work, and with the Contract Documents revised January, 1999, (which includes Invitation for Bids, Instruction to Bidders, the form of Bid, the form of the Bid Bond, Form of Contract (or agreement), form of Non-Collusion Affidavit, Addenda (if any), General Conditions, Technical Specifications, Drawings (as listed in the schedule of drawings), and Form of Surety Bond or Bonds); hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services including utility and transportation services and to perform and complete all work required for the demolition of fourteen (14) primary buildings and five (5) secondary buildings located in the City of Milwaukee, for mechanical Demolition Project opening March 17, 2020, all in accordance with the above-listed documents;

(a) for the lump sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), in addition to and above the value of such salvage materials specified to become the property of the Bidder;

(b) in consideration of any salvaged materials which under the Contract Documents are to become the property of the Bidder and other benefits, will pay the Department of Neighborhood Services of the City of Milwaukee, the sum of

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_),

(Bidder will strike out the subparagraph (a) or (b) not used.)

2. In submitting this Bid, the Bidder understands that the right is reserved by the Commissioner of the Department of Neighborhood Services of the City of Milwaukee to reject any and all Bids as provided in sec. 2.8.2. of the Instructions To Bidders. If written notice of the acceptance of this Bid is mailed, faxed or delivered to the undersigned within sixty (60) calendar days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bond within fourteen (14) calendar days after the agreement is presented to him or her for signature.

3. A Bid Guaranty equal in amount to at least 10% of the total bid is enclosed, which certified check, bank draft or bid bond is submitted as a guaranty of the good faith of the Bidder and as a further guaranty that the Bidder will enter into the written Contract as provided, if successful in securing the award thereof. It is hereby agreed that if at any time other than as provided in the Instructions to Bidder, the Bidder should withdraw this Bid, or if this Bid is accepted and there should be a failure on the part of the Bidder to execute the Contract and furnish the required surety bond or bonds, the Department of Neighborhood Services, in either of such events, shall be entitled and is hereby given the right to retain said Bid Guaranty.

4. Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid for the Contract for which this Bid is submitted.

5. The Bidder is prepared to submit a financial and experience statement upon request.

Date \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Company Name

OFFICIAL ADDRESS

By \_\_\_\_\_

\_\_\_\_\_  
TITLE \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**

STATE OF \_\_\_\_\_ )  
 )SS  
COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_, being first duly sworn, deposes and says that:

- (1) S/he is \_\_\_\_\_, (owner, partner, officer, representative or agent) of \_\_\_\_\_, the Bidder that has submitted the attached Bid.
- (2) S/he is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid.
- (3) Such bid is genuine and is not a collusive or sham bid.
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has had or will have communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder or to fix the overhead, profit or cost element of the bid price or the bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Department of Neighborhood Services of the City of Milwaukee or any person interested in the proposed Contract.
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.
- (6) Attached and following this affidavit is a full and complete list of all subcontractors and the class of work to be performed by each, which the Bidder proposes to use.

Subscribed and sworn to before me  
this \_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Notary Public, Milwaukee County, WI

\_\_\_\_\_  
Title

My commission expires: \_\_\_\_\_

**3.8.0.**

**BID BOND AFFIDAVIT**

STATE OF WISCONSIN)SS  
MILWAUKEE COUNTY )

\_\_\_\_\_ ,

being first duly sworn, on oath deposes and says that s/he is

\_\_\_\_\_

(Attorney-in-fact or agent)

of \_\_\_\_\_

surety on the within bond executed by

Affiant further deposes and says that no Commissioner or employee of the Department of Neighborhood Services of the City of Milwaukee, and no City official or employee of the City of Milwaukee has any interest, directly or indirectly in, or is receiving any premium, commission, fee or other thing of value on account of the sale or furnishing of said bid bond.

Subscribed and sworn to before me this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
Notary Public, Milwaukee County, Wisconsin

My commission expires \_\_\_\_\_

Rev. 1/00

**3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL**

I, \_\_\_\_\_, certify that I am the  
\_\_\_\_\_ Secretary of the corporation  
named as Principal in the within bond; that  
\_\_\_\_\_, who signed the said bond on  
behalf of the Principal was then \_\_\_\_\_  
of said corporation; that I know his signature, and his signature thereto is genuine, and that said  
bond was duly signed, sealed, and attested to for and in behalf of said corporation by authority of its  
governing body.

\_\_\_\_\_(Corporate)

Title \_\_\_\_\_(Seal)

**3.3.0.**

**COMPLETE LIST OF SUBCONTRACTORS**

(Include Plumbing Contractor, Hauling Contractor, Asbestos Abatement Contractor, Certified CFC Reclaimer, Licensed Waste Tire Transporter and Licensed Concrete Contractor)

<b>Name of Proposed Subcontractor</b>	<b>Class of Work</b>
1. _____ _____ Address	_____
2. _____ _____ Address	_____
3. _____ _____ Address	_____
4. _____ _____ Address	_____
5. _____ _____ Address	_____
6. _____ _____ Address	_____
7. _____ _____ Address	_____
8. _____ _____ Address	_____



MECHANICAL DEMOLITION PROJECT OPENING 3-17-2020  
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2871 North 10 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	15,000
2	1625 South 17 <sup>th</sup> Street	1	frame	dwelling	1	CITY	9,000
3	1933 South 23 <sup>rd</sup> Street	1.5	frame	FRONT dwelling	2	CITY	20,000
	1933A South 23 <sup>rd</sup> Street	1	frame	REAR dwelling	1	CITY	14,000
4	2458-58A North 24 <sup>th</sup> Street	2	frame	dwelling	2	CITY	27,300
5	1439-41 North 28 <sup>th</sup> Street	2	frame	dwelling	2	PRIV	45,000
	1439-41 North 28 <sup>th</sup> Street	1	frame	garage	-	PRIV	4,840
6	2032 North 32 <sup>nd</sup> Street	2	frame	dwelling	1	CITY	15,000
	2032 North 32 <sup>nd</sup> Street	1	masonry	garage	-	CITY	4,000
7	5105 North 55 <sup>th</sup> Street	1.5	frame	dwelling	1	CITY	14,520
	5105 North 55 <sup>th</sup> Street	1	frame	garage	-	CITY	4,000
8	1431 South Comstock Avenue	1.5	frame	dwelling	1	CITY	18,750
	1431 South Comstock Avenue	1	frame	garage	-	CITY	2,160
9	2432 West Garfield Avenue	2	frame	mixed use	1	CITY	48,600
	2432 West Garfield Avenue (a/k/a 2212 North 24 <sup>th</sup> Place)	2	frame	dwelling	2	CITY	17,920
	2432 West Garfield Avenue	1	frame	garage	-	CITY	4,800
10	1901 West Grant Street	2	frame	mixed use	1	CITY	68,400
11	1211 West National Avenue	1	frame	dwelling	1	CITY	13,000
12	3720 West Sarnow Street	1.5	frame	dwelling	2	CITY	17,600

Demolition contractor has the responsibility of verifying the listed information before bid is submitted. Bid is to be based upon contractor's own inspection of the structures and sites. No guarantee is made as to the accuracy of the above listed information, and the bid/contract shall not be invalidated by any errors in the descriptions and sizes listed.

**CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.**

BID BOND FORM

KNOW ALL PERSONS BY THESE PRESENTS, That we the undersigned,

\_\_\_\_\_

(Name of Principal)

as PRINCIPAL, and

\_\_\_\_\_, as SURETY

(Name of Surety)

are held and firmly bound unto the Department of Neighborhood Services of the City of Milwaukee hereinafter called the "Building Inspector", in the sum of 10 percent of the total bid of:

Parcel 1 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 2 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 3 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 4 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 5 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 6 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 7 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 8 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 9 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 10 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 11 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

Parcel 12 \_\_\_\_\_ Dollars \$ \_\_\_\_\_

**(bid price in words)**

**(bid price in numerals)**

lawful money of the United States, in addition to and above the value of such salvage materials specified to become the property of the Bidder, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid,

dated \_\_\_\_\_, 20 \_\_\_\_, for DNS PROJECT OPENING 3-17-2020

DEMOLITION OF 14 PRIMARY BUILDINGS AND 5 SECONDARY BUILDINGS

NOW THEREFORE, if the Principal shall be awarded the contract and if his/her Bid shall not have been previously withdrawn in accordance with the provisions of the instructions to Bidders, and if the Principal shall enter into a formal contract with the Building Inspector in accordance with the accepted Bids, said Bid shall be accompanied by good and sufficient surety or sureties for the faithful performance of the work, then this obligation is void and of no effect.

However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond.

Revised 1/01

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the names and corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

In presence of:

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Individual Principal)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Individual Principal)

\_\_\_\_\_  
(Business Address)

Attest:

\_\_\_\_\_

\_\_\_\_\_(SEAL)  
(Corporate Principal)

\_\_\_\_\_

\_\_\_\_\_  
(Business Address)

By \_\_\_\_\_ affix  
corporate  
seal

\_\_\_\_\_

\_\_\_\_\_

Attest:

\_\_\_\_\_

\_\_\_\_\_  
(Corporate Surety)

Countersigned

by \_\_\_\_\_  
Attorney-in-Fact

By \_\_\_\_\_ affix  
corporate  
Seal

State of \_\_\_\_\_

Power of attorney for person signing for surety company must be attached to bond

CITY OF MILWAUKEE DEPARTMENT OF NEIGHBORHOOD SERVICES  
 AFFIDAVIT OF COMPLIANCE WITH THE  
 SMALL BUSINESS ENTERPRISE (SBE) PROVISIONS

BIDS DUE: 3-17-2020

The bidders minimum commitment for SBE participation on this project is as follows:

REQUIRED OVERALL PROJECT PARTICIPATION			
	SBE	25%	

The Commissioner of the Department of Neighborhood Services reserves the right to reject and disqualify any bid that does not achieve the percentage requirement for this project. This also applies if the undersigned contractor fails to comply with the City's requirements as outlined in the SBE provisions.

The undersigned hereby states that s/he has not discriminated in any manner on the basis of race, sex, or national origin in any manner in the preparation of the attached bid or selection of subcontractors and/or material suppliers for such bid.

The undersigned acknowledges, understands and agrees that submission of a bid shall commit the bidder to comply with the City's SBE policy to achieve the City's stated percentage requirements for SBE participation on this contract, including submission of the information required by the proposed schedule of subcontractors and/or material suppliers.

**CONTRACTOR AFFIRMS THAT THEY WILL MEET THE FOLLOWING MINIMUM SBE PROGRAM REQUIREMENTS: (BIDDER MUST WRITE IN PERCENTAGE AND SUBMIT WITH BID DOCUMENTS.)**

**SBE:** \_\_\_\_\_ %

The undersigned also states that all the submitted SBE information is true and correct to the best of his/her knowledge.

\_\_\_\_\_  
 Authorized Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Printed Name

\_\_\_\_\_  
 Title

\_\_\_\_\_  
 Company Name

STATE OF WISCONSIN )  
 COUNTY OF MILWAUKEE )

Personally came before me this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_.

\_\_\_\_\_ who acknowledges that s/he executed the foregoing document for the purpose therein contained for and on behalf of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

\_\_\_\_\_  
 Notary Public, Milwaukee County, WI

My Commission expires: \_\_\_\_\_

**PRICE BREAKDOWN**

NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION DWELLING	DEMOLITION GARAGE	TOTAL
1	2871 North 10 <sup>th</sup> Street (dwelling)				
2	1625 South 17 <sup>th</sup> Street (dwelling)				
3	1933-33A South 23 <sup>rd</sup> St. (front & rear dwellings)	FRONT:  REAR:	FRONT:  REAR:		
4	2458-58A North 24 <sup>th</sup> St. (dwelling)				
5	1439-41 North 28 <sup>th</sup> Street (dwelling & garage)				
6	2032 North 32 <sup>nd</sup> Street (dwelling & garage)				
7	5105 North 55 <sup>th</sup> Street (dwelling & garage)				
8	1431 South Comstock Av. (dwelling & garage)				
9	2432 West Garfield Ave. (mixed use, dwelling & garage)	MIXED USE:  DWELLING:	MIXED USE:  DWELLING:		
10	1901 West Grant Street (mixed use)				
11	1211 West National Ave. (dwelling)				
12	3720 West Sarnow Street (dwelling)				

NOTE: If bidder fails to list price breakdown for garage, it will be assumed that the cost to the City of Milwaukee for demolishing the garage is \$0.



DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

Revised December 28, 2016

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
AFFIDAVIT OF COMPLIANCE

IMPORTANT: This form must be submitted with your bid to be considered for LBE status.

Bid/RFP #: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies all of the following criteria:

- 1. Operates a business, or owns or leases property within the geographical boundaries of the City of Milwaukee.
2. A residential address may suffice to establish compliance as a Local Business Enterprise, but only if the business does not operate another business...
3. Leased property shall not suffice to establish compliance as a Local Business Enterprise unless at least half of the acreage of all the real property owned or leased by the business is located within the geographical boundaries of the City of Milwaukee.
4. Has been doing business in the City of Milwaukee for at least one (1) year.
5. The business is not delinquent in the payment of any local taxes, charges or fees, or the business has entered into an agreement to pay any delinquency and is abiding by the terms of the agreement.
6. The business will perform at least 10% of the monetary value of the work required under the contract.

IMPORTANT: Is your business certified as a Small Business Enterprise (SBE) with the City of Milwaukee?
Please Select: \_\_\_ Yes or \_\_\_ No

NOTE: If you are the primary owner of more than one business location and the other business location(s) is not located within the geographical boundaries of the City of Milwaukee, the business you are seeking to qualify as a Local Business Enterprise must serve as the primary functionally operational entity that is capable of providing the required services, commodities, or supplies for the purposes of this Bid/RFP.

SITE VISITS: Please note the contractor agrees to allow the City to verify Local Business Enterprise status by allowing City Staff to visit the operation(s) of the business that is seeking Local Business Enterprise status at any time without notice, in an effort to maintain the integrity of the City's bidding process.

I hereby declare compliance with the City of Milwaukee Code of Ordinances Chapter 365.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

# NOTARIZATION

Subscribed to before me on this \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, at  
\_\_\_\_\_ County, \_\_\_\_\_ State.

NOTARY PUBLIC SIGNATURE: \_\_\_\_\_

(SEAL)

PRINT NAME: \_\_\_\_\_

My commission expires: \_\_\_\_\_

**PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:**

**841 NORTH BROADWAY, ROOM 105**

**MILWAUKEE, WISCONSIN 53202**



DEPARTMENT OF NEIGHBORHOOD SERVICES

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
BUSINESS PROPERTY LOCATION FORM

Important Note: This form must be submitted with your bid to be considered for LBE status.

Bid / RFP # \_\_\_\_\_

Property Location 1 Check one: Own [ ] Lease [ ]

Form with fields for Name, Address, and City, State, Zip for Property Location 1.

Property Location 2 Check one: Own [ ] Lease [ ]

Form with fields for Name, Address, and City, State, Zip for Property Location 2.

Property Location 3 Check one: Own [ ] Lease [ ]

Form with fields for Name, Address, and City, State, Zip for Property Location 3.

Property Location 4 Check one: Own [ ] Lease [ ]

Form with fields for Name, Address, and City, State, Zip for Property Location 4.

PLEASE SUBMIT THIS FORM WITH YOUR BID TO:
DEPT. OF NEIGHBORHOOD SERVICES
841 NORTH BROADWAY, ROOM 105
MILWAUKEE, WISCONSIN 53202

## **Socially-Responsible Contractors (SRC) Application**

- A. If the bids of two or more socially-responsible contractors do not exceed the lowest bid by more than 5%, the contract shall be awarded to the socially-responsible contractor that submitted a bid that exceeded the lowest bid by the smallest amount.
- B. If a bid submitted by a non-socially-responsible contractor and a bid submitted by a socially-responsible contractor are identical, the contract shall be awarded to the socially-responsible contractor, even if the bids are only identical due to the 5% award standard provided for in this chapter.
- C. If two bids submitted by two socially-responsible contractors are identical, the winner will be determined in accordance with the process for tie-breakers as established by the City Purchasing Director.
- D. If the difference between the low bidder's amount and the lowest socially-responsible contractor amount is within 5% of the low bidder and exceeds \$25,000, then the provisions in SRC Application - point A shall not apply.
- E. SRC Application – point A shall only be applied to the “base bid”.
- F. If a bidder or proposer is seeking to qualify for the SRC bid incentive, that bidder or proposer may not also seek to qualify for the City's other bid incentive programs such as the Local Business Enterprise (LBE) bid incentive ([city.milwaukee.gov/Purchasing/Programs](http://city.milwaukee.gov/Purchasing/Programs)) or the Buy American bid incentive ([city.milwaukee.gov/Purchasing/Programs](http://city.milwaukee.gov/Purchasing/Programs)). Should there be a conflict between multiple bidders that are seeking to qualify for these incentives, precedence shall be given to the bidder seeking to qualify for a bid incentive in the following descending order:
1. LBE bid incentive
  2. Buy American bid incentive
  3. SRC bid incentive



DEPARTMENT OF ADMINISTRATION-PURCHASING DIVISION

**SOCIALLY-RESPONSIBLE CONTRACTORS (SRC)  
AFFIDAVIT OF COMPLIANCE**

**NOTE:** This affidavit must be completed in its entirety and submitted with your bid or proposal to be considered for SRC bid incentive.

Bid or RFP #: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address, City, State, Zip: \_\_\_\_\_

A "Socially-Responsible Contractor" or "SRC" is an entity submitting a bid as part of the City's formal competitive bidding process that has acted or implemented a program to eliminate, or significantly reduce, barriers to employment for current and prospective employees of the contractor. Actions or implemented programs shall include at least three (3) of the programs listed in **Section I** below. To indicate which programs you have acted or implemented, place a checkmark in the box next to each item pertaining to the business entity as a bidder or proposer for the City of Milwaukee.

**I. SRC CRITERIA**

- A. Hire persons with felony convictions;
- B. Assist current or prospective employees with earning their high school diploma;
- C. Underwrite or facilitate industry-linked career-assessed pre-employment services and subsidized work experience including: internships, job shadowing, on-the-job training, and summer employment;
- D. Partner with an employment service agency to monitor and track individualized employment plans;
- E. Provide, underwrite, or facilitate industry-linked career-based instruction to current or prospective employees in areas such as the following: blueprint reading, basic math and measurement, technical math, labor history, construction culture and essential skills, health and safety awareness, manufacturing processes and production, maintenance, and budgeting and financial literacy;
- F. Provide or facilitate occupational skills training and related adult mentoring and networking;
- G. Underwrite or facilitate subsidized or unsubsidized programs which provide supportive services for current or prospective employees to obtain or fund the following:
  - A valid driver's license
  - Transportation vouchers to work and home
  - Appropriate work attire, work safety gear, and other needed equipment
  - Testing and certification fees
  - Legal aid services
  - Child care and family-related dependent care
  - Emergency housing, health care, and short-term emergency assistance
  - Career and training services
  - School supplies, books, and fees
  - Referrals for medical services and exams
  - Reasonable accommodations for persons with disabilities
- H. Partner with employment agencies to supplement subsidized wages to ensure employees receive a living wage;
- I. Provide breast feeding facilities for employees who are nursing children;
- J. Provide a minimum of 120 hours of paid sick leave;
- K. Provide a minimum of five (5) paid sick days;
- L. Provide an employer-assisted housing program providing homebuyer assistance in the form of mortgages, down payment assistance, or homebuyer education for residences within walking distance of their employer;
- M. Provide assistance to reduce fees and penalties on tardy child support payments, manage payment of child support arrears, and become current on child support obligations.

## II. DISCLOSURE

The purpose of the *Socially-Responsible Contractor Program (SRC)* is to ensure contributions toward community betterment made by socially-responsible contractors are recognized and rewarded. Each bidder or proposer seeking to qualify for the SRC bid incentive shall submit, as part of its bid or proposal, this sworn affidavit describing actions taken and programs implemented to eliminate, or significantly reduce, the barriers to employment for current and prospective employees of the contractor. The outcomes of these actions and programs shall be described in verifiable detail in the section below. (Please include an attachment if additional line space is required).

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This signed and notarized affidavit of compliance will be the contractor's sworn statement that the business satisfies the criteria for Socially-Responsible Contractors pursuant to Chapter 310-10 of the City of Milwaukee Code of Ordinances.

I hereby declare compliance with Chapter 310-10 of the City of Milwaukee Code of Ordinances.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

## III. NOTARIZATION

Subscribed to before me on this \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, at  
\_\_\_\_\_ County, \_\_\_\_\_ State.

NOTARY PUBLIC SIGNATURE: \_\_\_\_\_

(SEAL)

PRINT NAME: \_\_\_\_\_

My commission expires: \_\_\_\_\_

**PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:**  
**200 E. WELLS STREET, ROOM 601**  
**MILWAUKEE, WISCONSIN 53202**  
**OR FAX TO 414-286-5976**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Dwelling  
2871 North 10<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

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

**HMG Report No.: 18-400-024.2871  
Inspector: Dean Jacobsen  
Contract No.: 360-18-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**May 2018**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
2871 North 10<sup>th</sup> Street  
Milwaukee, Wisconsin

---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group

May 1, 2018

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

RE: Deconstruction Inspection Report  
2871 North 10<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2871 North 10<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**

Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in roof flashing and duct wrap. Asbestos was detected below 1% in floor tile on the stair landing. Results are in Section IV of this report.

Painted masonry surfaces were not observed during the inspection.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing.

## II. ASEBSTOS INSPECTION

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 April 18, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Stucco
- Glazing compound
- Roof flashing
- Asphalt roofing
- Linoleum
- Drywall/joint compound
- Texture
- Floor tile
- Ceramic tile
- False brick
- Plaster
- Joint compound
- Blown in insulation

- Duct wrap
- Flue packing
- Caulk
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

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

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

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
4	Exterior – basement south wall – stucco	Negative	STC
5	Exterior – basement west wall – stucco	Negative	STC
6	Exterior – basement north wall – stucco	Negative	STC
7	Basement – on west window – glazing compound	Negative	MPG
<b>8</b>	<b>Roof – south bump out at south wall – tar flashing</b>	<b>Positive 25% Chrysotile</b>	<b>MRF</b>

Sample #	Location and Description	Results	Homogeneous Code
9	Roof – south center top layer – tan asphalt shingle	Negative	MRSt
10	Roof – southwest top layer – tan asphalt shingle	Negative	MRSt
11	Roof – east side top layer – tan asphalt shingle	Negative	MRSt
12	Roof – south center bottom layer – black asphalt shingle	Negative	MRSk
13	Roof – southwest bottom layer – black asphalt shingle	Negative	MRSk
14	Roof – east side bottom layer – black asphalt shingle	Negative	MRSk
15	1 <sup>st</sup> floor – living room north side – brown vinyl sheet flooring	Negative	MVFn
16	1 <sup>st</sup> floor – living room center – brown vinyl sheet flooring	Negative	MVFn
17	1 <sup>st</sup> floor – kitchen – brown vinyl sheet flooring	Negative	MVFn
18a	1 <sup>st</sup> floor – living room – north wall – joint compound	Negative	MDW
18b	1 <sup>st</sup> floor – living room – north wall – joint compound layer 2	Negative	MDW
18c	1 <sup>st</sup> floor – living room – north wall – drywall	Negative	MDW
19a	1 <sup>st</sup> floor – kitchen – south wall – joint compound	Negative	MDW
19b	1 <sup>st</sup> floor – kitchen – south wall – drywall	Negative	MDW
20a	2 <sup>nd</sup> floor – living room – east wall – joint compound	Negative	MDW
20b	2 <sup>nd</sup> floor – living room – east wall – drywall	Negative	MDW
21	1 <sup>st</sup> floor – living room – north wall – texture	Negative	STX
22	1 <sup>st</sup> floor – living room – south wall – texture	Negative	STX
23	1 <sup>st</sup> floor – bathroom – west wall – texture	Negative	STX
24	1 <sup>st</sup> floor – dining room – center under carpet – 12” brown and black floor tile	Negative	MF12nk
25	1 <sup>st</sup> floor – dining room – south side under carpet – 12” brown and black floor tile	Negative	MF12nk
26	1 <sup>st</sup> floor – dining room – west side under carpet – 12” brown and black floor tile	Negative	MF12nk
27	1 <sup>st</sup> floor – dining room – on west wall under panel – beige mastic	Negative	MPMe
28	1 <sup>st</sup> floor – kitchen east side – 12” gray and green floor tile	Negative	MF12yg
29	1 <sup>st</sup> floor – kitchen south side – 12” gray and green floor tile	Negative	MF12yg
30	1 <sup>st</sup> floor – kitchen northwest – 12” gray and green floor tile	Negative	MF12yg
31	1 <sup>st</sup> floor – bathroom – 12” tan and brown floor tile	Negative	MF12tn
32a	1 <sup>st</sup> floor – bathroom – on south wall – pink ceramic tile	Negative	MCTMp
32b	1 <sup>st</sup> floor – bathroom – on south wall – under pink ceramic tile – mortar	Negative	MCTMp
33	1 <sup>st</sup> floor – kitchen closet – 12” cream/gray/black floor tile	Negative	MF12cyk
34	1 <sup>st</sup> floor – kitchen on east chimney – false brick	Negative	MFBR
35a	1 <sup>st</sup> floor – stair landing – top layer – 12” gray and blue floor tile	Negative	MF12yb
35b	1 <sup>st</sup> floor – stair landing – top layer – under 12” gray and blue floor tile – yellow mastic	Negative	MF12yb
35A	2 <sup>nd</sup> floor – kitchen north side – 12” gray and blue floor tile	Negative	MF12yb
35B	2 <sup>nd</sup> floor – kitchen south side – 12” gray and blue floor tile	Negative	MF12yb
36	1 <sup>st</sup> floor – stair landing – 2 <sup>nd</sup> layer – 12” white and black floor tile	Negative	MF12wk
37a	1 <sup>st</sup> floor – stair landing – 4 <sup>th</sup> layer – 12” red floor tile	Negative	MF12r
37b	1 <sup>st</sup> floor – stair landing – 4 <sup>th</sup> layer – under 12” red floor tile – yellow mastic	Negative	MF12r
37c	1 <sup>st</sup> floor – stair landing – 5 <sup>th</sup> layer – 12” tan floor tile	Positive 3% Chrysotile	MF12t
37c	POINT COUNT RESULT	Trace 0.75% Chrysotile	MF12t

Sample #	Location and Description	Results	Homogeneous Code
37d	1 <sup>st</sup> floor – stair landing – 5 <sup>th</sup> layer – under 12” tan floor tile – black mastic	Negative	MF12t
38a	1 <sup>st</sup> floor – stair landing – 6 <sup>th</sup> layer – 12” gray and tan floor tile	Negative	MF12yt
38b	1 <sup>st</sup> floor – stair landing – 6 <sup>th</sup> layer – under 12” gray and tan floor tile – yellow mastic	Negative	MF12yt
39a	1 <sup>st</sup> floor – stair landing – 7 <sup>th</sup> layer – tan and black linoleum	Negative	MFLtk
39b	1 <sup>st</sup> floor – stair landing – 7 <sup>th</sup> layer – under tan and black linoleum – yellow mastic	Negative	MFLtk
40	2 <sup>nd</sup> floor – stair – on west wall – joint compound patch	Negative	MJC
41a	2 <sup>nd</sup> floor – stair – south wall – plaster skim coat	Negative	SPI
41b	2 <sup>nd</sup> floor – stair – south wall – plaster base coat	Negative	SPI
42a	2 <sup>nd</sup> floor – kitchen – west wall – joint compound layer	Negative	SPI
42b	2 <sup>nd</sup> floor – kitchen – west wall – plaster	Negative	SPI
43	2 <sup>nd</sup> floor – pantry – east wall – plaster	Negative	SPI
44	2 <sup>nd</sup> floor – kitchen – on south wall – texture #2	Negative	STX2
45	2 <sup>nd</sup> floor – kitchen – ceiling – plaster patch	Negative	SPIP
46	2 <sup>nd</sup> floor – kitchen crawl space – on floor – blown in insulation	Negative	MBI
47a	2 <sup>nd</sup> floor – bathroom top layer – 12” gray and brown floor tile	Negative	MF12yn
47b	2 <sup>nd</sup> floor – bathroom top layer – under 12” gray and brown floor tile – yellow mastic	Negative	MF12yn
48a	2 <sup>nd</sup> floor – bathroom bottom layer – 12” brown floor tile	Negative	MF12n
48b	2 <sup>nd</sup> floor – bathroom bottom layer – under 12” brown floor tile – yellow mastic	Negative	MF12n
49	2 <sup>nd</sup> floor – bedroom closet – tan linoleum	Negative	MFLt
50a	Basement – on east side of chimney – gray flue packing	Negative	TFPy
50b	Basement – on east side of chimney – gray caulk	Negative	MCLKy
51a	Basement – on east side of chimney – dark gray flue packing	Negative	TFPydark
51b	Basement – on east side of chimney – white flue packing	Negative	TFPw
52	Basement – on east center boot – duct wrap	<b>Positive 60% Chrysotile</b>	<b>TDW</b>

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney & South Side Bump out	8 SF	Fair
Duct Wrap	TDW	Basement on East Center Boot	3 SF	Fair

One of the materials sampled contain less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12” Tan Floor Tile	MF12t	1 <sup>st</sup> Floor Stair Landing 5 <sup>th</sup> Layer	30 SF	Fair

**Note #1:** The ACMs listed above are friable and category I non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing

materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The 12” tan floor tile contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting joint compound waste in leak tight asbestos labeled containers

HMG recommends that the 12” tan floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

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

#### **Homogeneous Material Codes**

SPI	Plaster
SPIP	Plaster Patch
STX	Texture
STX2	Texture #2
STC	Stucco
MPIt	Tan Paper Insulation
MPG	Glazing Compound
MRF	Roof Flashing
MRSSt	Tan Asphalt Shingle
MRSk	Black Asphalt Shingle
MVFn	Brown Vinyl Sheet Flooring
MDW	Drywall/Joint Compound
MJC	Joint Compound Patch
MF12nk	12” Brown & Black Floor Tile
MF12yg	12” Gray & Green Floor Tile
MF12tn	12” Tan & Brown Floor Tile
MF12cyk	12” Cream/Gray/Black Floor Tile
MF12yb	12” Gray & Blue Floor Tile
MF12wk	12” White & Black Floor Tile
MF12r	12” Red Floor Tile
MF12yt	12” Gray & Tan Floor Tile
MF12t	12” Tan Floor Tile
MF12yn	12” Gray & Brown Floor Tile
MF12n	12” Brown Floor Tile
MPMe	Beige Panel Mastic
MCTMp	Pink Ceramic Tile
MFBR	False Brick
MFLtk	Tan & Black Linoleum

### **Homogeneous Material Codes**

MFLt	Tan Linoleum
MBI	Blown in Insulation
MCLKy	Gray Caulk
TDW	Duct Wrap
TFPw	White Flue Packing
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection at 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin, took place on April 19, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were inspected for the presence of lead in paint.

#### **Interior: 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was not observed on the interior surfaces.**

#### **Exterior: 2871 North 10<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was not observed on the exterior surfaces.**

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,

- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**No access to attic. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

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

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>1</u>	Old Thermostats – 1 <sup>st</sup> Floor Dining Room
<u>N/A</u>	Aquastats
<u>N/A</u>	Firestats
<u>N/A</u>	Manometers
<u>N/A</u>	Thermometers

**BOILERS, FURNACES, HEATERS AND TANKS** – 1 Furnace in 2<sup>nd</sup> Floor Living Room. 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>1</u>	Junk Auto Tires – Back Yard
<u>N/A</u>	Junk Vehicles

## **IX. ASBESTOS LABORATORY RESULTS**

## **X. FLOOR PLANS**

## **XI. HMG CERTIFICATION**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Dwelling  
1625 South 17<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

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

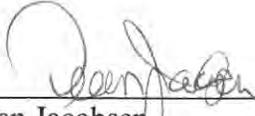
**HMG Report No.: 19-400-037.1625  
Inspector: Damian Rogowski  
Contract No.: 360-19-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

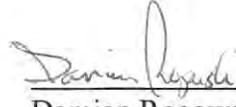
**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
1625 South 17<sup>th</sup> Street  
Milwaukee, Wisconsin



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Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



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Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/20  
Harenda Management Group

August 12, 2019

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

RE: Deconstruction Inspection Report  
1625 South 17<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1625 South 17<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Interior access was blocked by accumulated furniture, boxes, and garbage. Asbestos was not detected above 1% in any exterior material sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Painted masonry was not observed on the exterior and not paint samples were collected for lead analysis.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

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 August 1, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Caulk
- Window glazing compound
- Asphalt shingles
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – on south wall – white caulk	Negative	MCLKw
2	Exterior – on east window – glazing compound	Negative	MPG
3	Exterior – on south window – glazing compound	Positive 2% Chrysotile	MPG
3	Point Count Result	Trace 0.5% Chrysotile	MPG
4	Exterior – on west window – glazing compound	Negative	MPG
5	Roof – southwest top layer – white and red asphalt shingle	Negative	MRSwr
6	Roof – south center top layer – white and red asphalt shingle	Negative	MRSwr
7	Roof – southeast top layer – white and red asphalt shingle	Negative	MRSwr
8	Roof – northwest bottom layer – brown shingle	Negative	MRSn
9	Roof – north center bottom layer – brown shingle	Negative	MRSn
10	Roof – northeast bottom layer – brown shingle	Negative	MRSn
11	Exterior – on east wall – white caulk	Negative	MCLKw
12	Exterior – on north wall – white caulk	Negative	MCLKw

None of the materials sampled contains greater than 1% asbestos.

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Window Glazing Compound	MPG	Windows on All Floors	13 Windows	Category II Non-Friable

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Fair

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that this material be abated prior to deconstruction.

**Note#3:** The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the window glazing compound be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

#### Homogeneous Material Codes

MCLKw	White Caulk
MPG	Window Glazing Compound
MRSwr	White & Red Asphalt Shingle
MRSn	Brown Asphalt Shingle

## V. LEAD PAINT INSPECTION

### A. Methods

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

lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection of the dwelling at 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin, took place on August 1, 2019. An inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. No samples were collected.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## **B. Component Testing Results**

### **Interior: 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin**

- **The interior was not accessible the time of the inspection.**

### **Exterior: 1625 South 17<sup>th</sup> Street, Milwaukee, Wisconsin**

- **Painted masonry was not observed on the exterior.**

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## **VI. EXCLUSIONS**

**Interior access blocked by furniture, boxes, and garbage. Stairs missing. Areas within walls and ceilings were not accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>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**

<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

<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 where 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

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	329670
-----------------	--------

**Received** 08/02/19  
**Analyzed** 08/07/19  
**Reported** 08/07/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1625

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>329670-001</b>	08/01/19	1	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>329670-002</b>	08/01/19	2	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>329670-003</b>	08/01/19	3	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Granular				
<b>329670-004</b>	08/01/19	4	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>329670-005</b>	08/01/19	5	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>329670-006</b>	08/01/19	6	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>329670-007</b>	08/01/19	7	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1625

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
329670-008	08/01/19	8	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

329670-009	08/01/19	9	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

329670-010	08/01/19	10	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

329670-011	08/01/19	11	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

329670-012	08/01/19	12	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 12

329670-08/07/19 05:41 PM



Analyst **Mohammed Hashim**



Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

329670

12



V:1329\329670

fghraizi  
UPS

8/2/2019 10:03:13 AM  
1Z2E2899846 X281102

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1625				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	8/1/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 8/1/19 17:00

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
 www.slabinc.com • info@slabinc.com

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1625				
<b>Collected By</b>					

Turn-Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	8/1/19								
12	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 8/1/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	330461
-----------------	--------

**Received** 08/08/19  
**Analyzed** 08/08/19  
**Reported** 08/09/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1625

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330461-001	08/01/19	3	Wisconsin	0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Layer 1: Granular Material Beige, Granular, Homogenous					

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 1

Analyst **Thoria Nadiem**

330461-08/09/19 02:38 PM

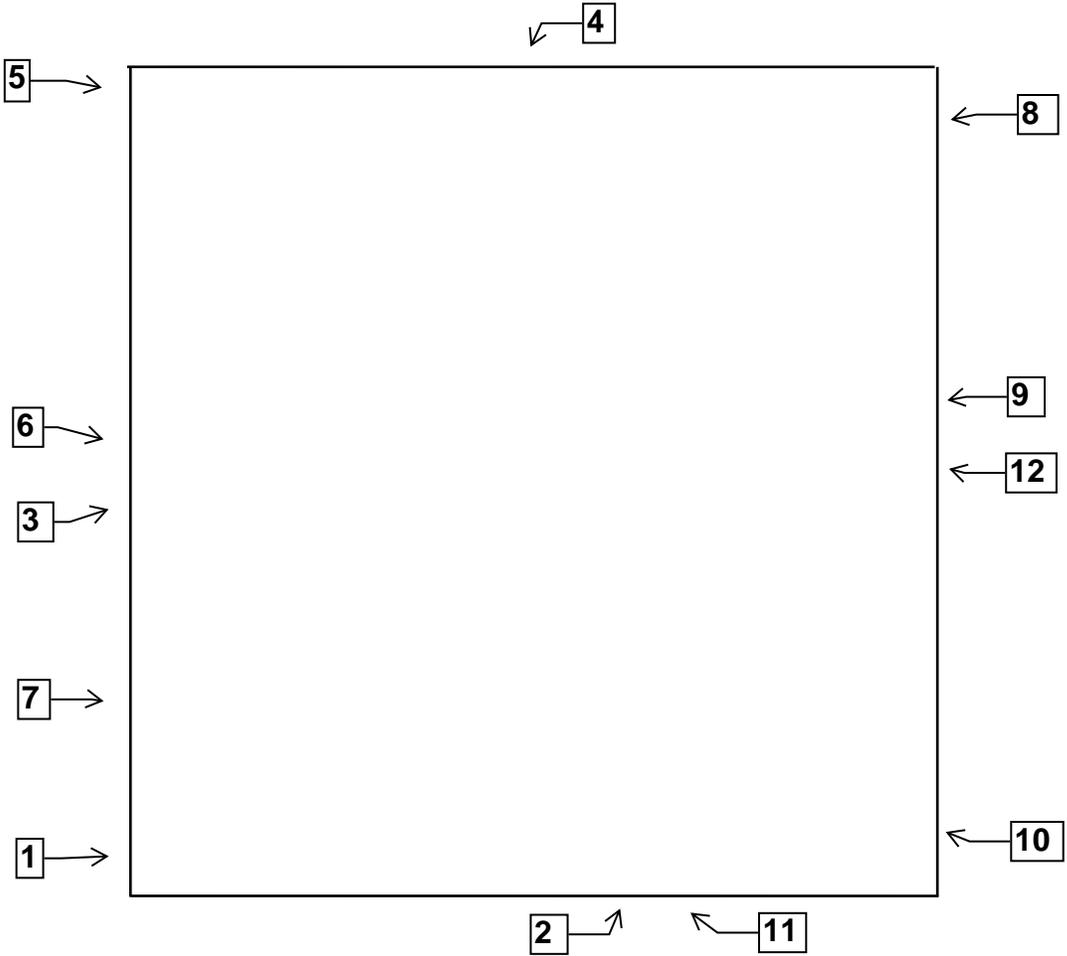
Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). 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 government agency endorsement. The test results reported relate only to the samples submitted.

## **X. FLOOR PLANS**

**One Family Dwelling  
1625 South 17th Street  
Milwaukee, Wisconsin**

Exterior Floor Plan



## **XI. 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: 07/23/2019  
Expiration Date: 08/31/2021, 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



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



Tony Evers  
Governor

Andrea Palm  
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

February 5, 2019

DAMIAN SCOTT ROGOWSKI  
3536 COUNTY ROAD H  
FRANKSVILLE WI 53126-9211

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you pro  
professional responsibility. Contact us if you l  
below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



**COPY**



**DECONSTRUCTION INSPECTION REPORT**

**Job Site:**

**Two Family Front Dwelling  
1933 South 23<sup>rd</sup> Street  
Milwaukee, Wisconsin**

For:

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

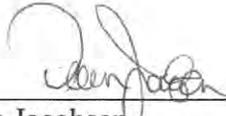
**HMG Report No.: 19-400-037.1933F  
Inspector: Craig Dekutowski  
Contract No.: 360-19-0975**

Prepared by:

**HAREnda MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

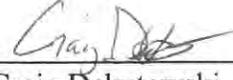
**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Front Dwelling  
1933 South 23<sup>rd</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



---

Craig Dekutowski  
Asbestos Inspector No. AII – 500  
Expiration Date: 8/10/19  
Harenda Management Group

August 23 2019

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

RE: Deconstruction Inspection Report  
1933 South 23<sup>rd</sup> Street Front Dwelling  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection for the front dwelling at 1933 South 23<sup>rd</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the front dwelling at 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Painted masonry was not observed and no paint samples were not collected for lead analysis.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family front dwelling at 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

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 19, 2019, HMG conducted an asbestos inspection and lead inspection of a two family front dwelling, scheduled for deconstruction, located at 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Craig Dekutowski, Wisconsin License No. AII – 500, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Plaster
- Floor tile
- Linoleum
- Window glazing compound
- Tar paper
- Asphalt roof shingles
- Caulk
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1a	1 <sup>st</sup> floor – kitchen – ceiling west side – plaster base coat	Negative	SPI
1b	1 <sup>st</sup> floor – kitchen – ceiling west side – plaster skim coat	Negative	SPI
2a	1 <sup>st</sup> floor – kitchen – ceiling east side – plaster base coat	Negative	SPI
2b	1 <sup>st</sup> floor – kitchen – ceiling east side – plaster skim coat	Negative	SPI
3a	1 <sup>st</sup> floor – bathroom – south wall – plaster base coat	Negative	SPI
3b	1 <sup>st</sup> floor – bathroom – south wall – plaster skim coat	Negative	SPI
4a	1 <sup>st</sup> floor – front entry – east wall – plaster base coat	Negative	SPI
4b	1 <sup>st</sup> floor – front entry – east wall – plaster skim coat	Negative	SPI
5a	1 <sup>st</sup> floor – dining room – north wall – plaster base coat	Negative	SPI
5b	1 <sup>st</sup> floor – dining room – north wall – plaster skim coat	Negative	SPI
6a	1 <sup>st</sup> floor – kitchen – west side top layer – 12” beige floor tile	Negative	MF12e
6b	1 <sup>st</sup> floor – kitchen – west side top layer – under 12” beige floor tile – black/tan mastic	Negative	MF12e
7a	1 <sup>st</sup> floor – kitchen – center top layer – 12” beige floor tile	Negative	MF12e
7b	1 <sup>st</sup> floor – kitchen – center top layer – under 12” beige floor tile – black/tan mastic	Negative	MF12e
8a	1 <sup>st</sup> floor – kitchen – east side top layer – 12” beige floor tile	Negative	MF12e
8b	1 <sup>st</sup> floor – kitchen – east side top layer – under 12” beige floor tile – black/tan mastic	Negative	MF12e

Sample #	Location and Description	Results	Homogeneous Code
9a	1 <sup>st</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – tan and yellow linoleum	Negative	MFLt
9b	1 <sup>st</sup> floor – kitchen – west side 2 <sup>nd</sup> layer – under tan and yellow linoleum – brown mastic	Negative	MFLt
10a	1 <sup>st</sup> floor – kitchen – center 2 <sup>nd</sup> layer – tan and yellow linoleum	Negative	MFLt
10b	1 <sup>st</sup> floor – kitchen – center 2 <sup>nd</sup> layer – under tan and yellow linoleum – brown mastic	Negative	MFLt
11a	1 <sup>st</sup> floor – dining room – tan and yellow linoleum	Negative	MFLt
11b	1 <sup>st</sup> floor – dining room – under tan and yellow linoleum – brown mastic	Negative	MFLt
12	1 <sup>st</sup> floor – kitchen – on south window – glazing compound	Negative	MPG
13	1 <sup>st</sup> floor – dining room – on east window – glazing compound	Negative	MPG
14	1 <sup>st</sup> floor – bathroom – on west window – glazing compound	Negative	MPG
18	Exterior – south wall under wood siding – tar paper	Negative	MPT
19	Exterior – north wall under wood siding – tar paper	Negative	MPT
20	Exterior – east wall under wood siding – tar paper	Negative	MPT
21a	Roof – east side top layer – gray asphalt shingle	Negative	MRSy
21b	Roof – east side bottom layer – black asphalt shingle	Negative	MRSk
22a	Roof – south side top layer – gray asphalt shingle	Negative	MRSy
22b	Roof – south side bottom layer – black asphalt shingle	Negative	MRSk
23a	Roof – west side top layer – gray asphalt shingle	Negative	MRSy
23b	Roof – west side bottom layer – black asphalt shingle	Negative	MRSk
24	Exterior – around south window – clear caulk	Negative	MCLKc

None of the materials sampled contain asbestos.

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	3 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

### Homogeneous Material Codes

SPl	Plaster
MF12e	12” Beige Floor Tile
MFLt	Tan Linoleum
MPG	Glazing Compound
MPT	Tar Paper

### Homogeneous Material Codes

MRSy	Gray Asphalt Shingle
MRSk	Black Asphalt Shingle
MCLKc	Clear Caulk

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection of the front dwelling at 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin, took place on July 19, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. No samples were collected.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

#### Interior: 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin

- Painted masonry was not observed on the interior.

#### Exterior: 1933 South 23<sup>rd</sup> Street, Milwaukee, Wisconsin

- Painted masonry was not observed on the exterior.

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**2<sup>nd</sup> floor and attic blocked by furniture, boxes, and garbage – areas not accessible. No access to basement. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>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

<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

<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 where 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

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	329318
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**Received** 08/01/19  
**Analyzed** 08/08/19  
**Reported** 08/08/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>329318-001</b>	07/19/19	1	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>329318-002</b>	07/19/19	2	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>329318-003</b>	07/19/19	3	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>329318-004</b>	07/19/19	4	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>329318-005</b>	07/19/19	5	Wisconsin		
Layer 1:	Plaster Gray, Granular			None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Skim Coat White, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>329318-006</b>	07/19/19	6	Wisconsin		
Layer 1:	Flooring Beige, Org.Bound/Fibrous			None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastics Black/Tan, Bituminous/Soft			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>Unable to separate individual layers.</b>					
<b>329318-007</b>	07/19/19	7	Wisconsin		
Layer 1:	Flooring Beige, Org.Bound/Fibrous			None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastics Black/Tan, Bituminous/Soft			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>Unable to separate individual layers.</b>					
<b>329318-008</b>	07/19/19	8	Wisconsin		
Layer 1:	Flooring Beige, Org.Bound/Fibrous			None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastics Black/Tan, Bituminous/Soft			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>Unable to separate individual layers.</b>					
<b>329318-009</b>	07/19/19	9	Wisconsin		
Layer 1:	Flooring Tan, Org.Bound/Fibrous			None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic Brown, Soft			None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>329318-010</b>	07/19/19	10	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Tan, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>329318-011</b>	07/19/19	11	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Tan, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>329318-012</b>	07/19/19	12	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Multi-Colored, Granular				
<b>329318-013</b>	07/19/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Multi-Colored, Granular				
<b>329318-014</b>	07/19/19	14	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Multi-Colored, Granular				
<b>329318-015</b>	07/19/19	18	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>329318-016</b>	07/19/19	19	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>329318-017</b>	07/19/19	20	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

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Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
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EPA Regulatory Limit: 1%

Total layers analyzed on order: 28

329318-08/08/19 04:29 PM



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Analyst **Mohammed Hashim**



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Reviewed By: **Irma Faszewski**  
QAQC Director

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Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

329318 X 20  
  
 V: 13291329318  
 fghraizi 8/1/2019 10:04:24 AM  
 UPS 1Z2E2899846 2051095

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1933F				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
		<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
		<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
		<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		<b>Sub-Contract</b>
		<input type="checkbox"/> Gravimetric Prep			<input type="checkbox"/> TEM Chatfield
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM AHERA
		<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM 7402
		<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> _____	<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	7/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature:  Date/Time 7/30/19 11:00

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1933F				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance.</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	7/19/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 7/30/19 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 333238

**Received** 08/22/19  
**Analyzed** 08/22/19  
**Reported** 08/23/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>333238-001</b>	08/13/19	21	Wisconsin		

Layer 1: Shingle Black, Granular/Bituminous/Fibrous	None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
--	---------------	---

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Bituminous Material Black/Red, Bituminous/Fibrous	None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
---	---------------	---

<b>333238-002</b>	08/13/19	22	Wisconsin		
-------------------	----------	----	-----------	--	--

Layer 1: Shingle Black, Granular/Bituminous/Fibrous	None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
--	---------------	---

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Shingle Black/Brown, Granular/Bituminous/Fibrous	None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
--	---------------	--

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

<b>333238-003</b>	08/13/19	23	Wisconsin		
-------------------	----------	----	-----------	--	--

Layer 1: Shingle Black/Gray, Granular/Bituminous/Fibrous	None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
---	---------------	--

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Layer 2: Felt Black, Bituminous/Fibrous	None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
--	---------------	---

<b>333238-004</b>	08/13/19	24	Wisconsin		
-------------------	----------	----	-----------	--	--

Layer 1: Rubbery Material Clear, Rubbery	None Detected	100% NON FIBROUS MATERIAL
---	---------------	---------------------------

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933F

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

---

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
-----------	-----------	----------	----------	-----------------	-----------------

---

EPA Regulatory Limit: 1%

Total layers analyzed on order: 7

333238-08/23/19 09:47 AM

*Senhory Ali*

*Hind Eldanaf*

---

Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

---

Analyst **Senhory Abdellatif**

---

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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fghraizi  
 UPS

8/22/2019 9:53:31 AM  
 1Z2E2899846 124946E

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1933F				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	8/13/19								
22	↓								
23									
24									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

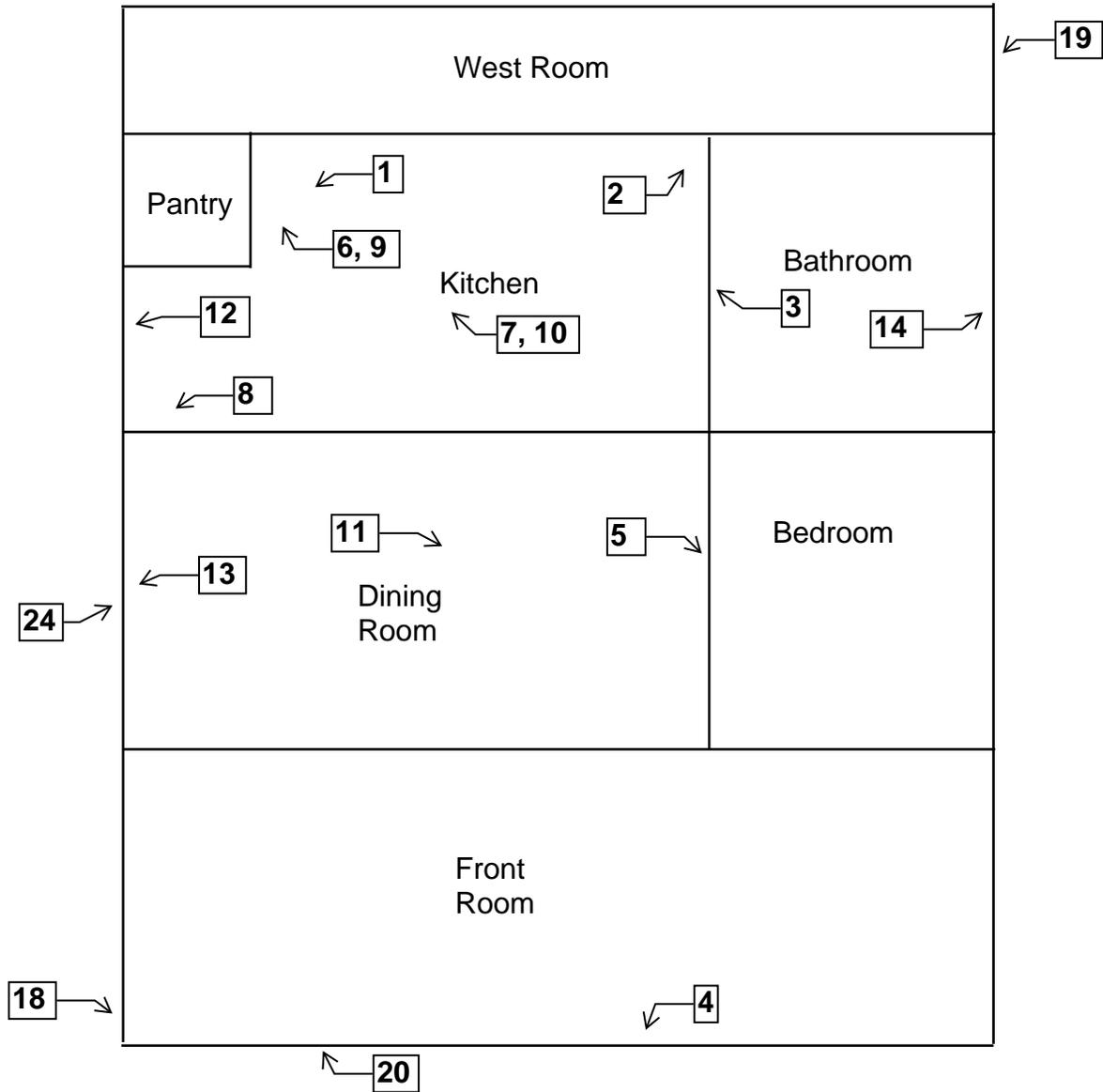
Relinquished By: Dean Jacobsen Signature: *Dean Jacobsen* Date/Time: 8/13/19 17:00

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. FLOOR PLANS**

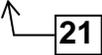
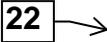
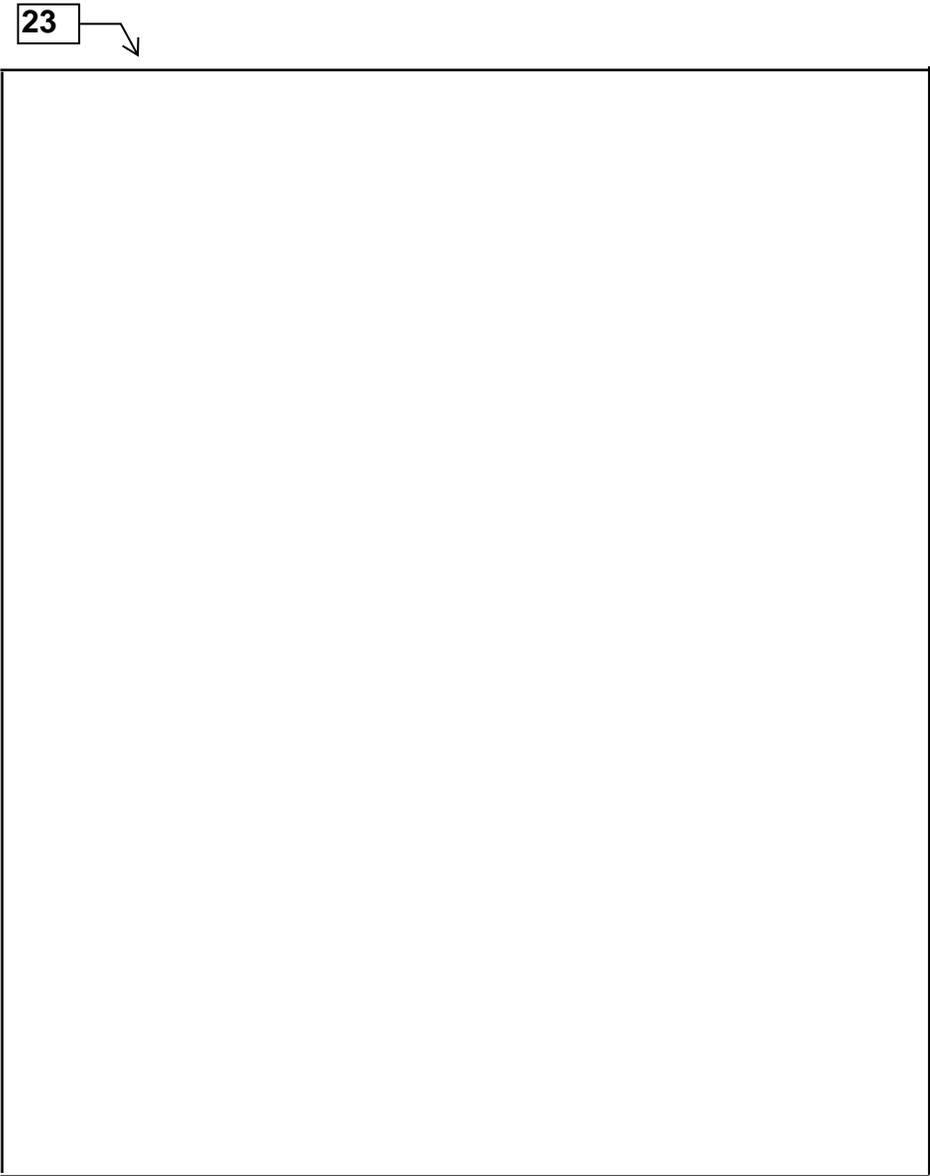
**One Family Front Dwelling  
1933 South 23rd Street  
Milwaukee, Wisconsin**

1st Floor Plan



**One Family Front Dwelling  
1933 South 23rd Street  
Milwaukee, Wisconsin**

Roof Floor Plan



## **XI. 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: 07/23/2019  
Expiration Date: 08/31/2021, 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



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



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

Craig Steven Dekutowski  
5030 Hearthside Ln  
Racine WI 53402-2154

		210 lbs	6' 00"
AII-500	Exp: 08/10/2019	11/09/1970	

Training due by: 08/10/2019

**COPY**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Rear Dwelling  
1933A South 23<sup>rd</sup> Street  
Milwaukee, Wisconsin**

### **For:**

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

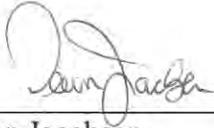
**HMG Report No.: 19-400-037.1933R  
Inspector: Damian Rogowski  
Contract No.: 360-19-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

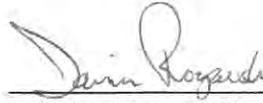
**August 2019**

**Signature Page**  
Deconstruction Inspection Report  
One Family Rear Dwelling  
1933A South 23<sup>rd</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harena Management Group



---

Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/20  
Harena Management Group

August 20, 2019

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

RE: Deconstruction Inspection Report  
1933A South 23<sup>rd</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection of the rear dwelling at 1933A South 23<sup>rd</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the rear dwelling at 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the exterior basement walls. Results are in Section V of this report.

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IV.	Asbestos Findings and Observations .....	2
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	B. Component Testing Results	
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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family rear dwelling at 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

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 August 2, 2019, HMG conducted an asbestos inspection and lead inspection of a one family rear dwelling, scheduled for deconstruction, located at 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingles
- Window glazing compound
- Tar paper
- Texture
- Drywall
- Linoleum
- Flue packing
- Plaster
- Mastics
- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Roof – southwest – black and white asphalt shingle	Negative	MRSkw
2	Roof – southeast – black and white asphalt shingle	Negative	MRSkw
3	Roof – east center – black and white asphalt shingle	Negative	MRSkw
4	1 <sup>st</sup> floor – on east window – glazing compound	Negative	MPG
5	1 <sup>st</sup> floor – on southeast window – glazing compound	Negative	MPG
6	1 <sup>st</sup> floor – on southwest window – glazing compound	Negative	MPG
7	Exterior – northeast wall under wood siding – tar paper	Negative	MPT
8	Exterior – southeast wall under wood siding – tar paper	Negative	MPT
9	Exterior – southwest wall under wood siding – tar paper	Negative	MPT
10	1 <sup>st</sup> floor – living room – on north wall – texture	Negative	STX
11	1 <sup>st</sup> floor – living room – on east wall – texture	Negative	STX
12	1 <sup>st</sup> floor – living room – on west wall – texture	Negative	STX
13	1 <sup>st</sup> floor – living room – ceiling – drywall	Negative	MDW
14	1 <sup>st</sup> floor – kitchen – ceiling – drywall	Negative	MDW
15	1 <sup>st</sup> floor – west storage room – west wall – drywall	Negative	MDW
16a	1 <sup>st</sup> floor – pantry – yellow linoleum	Negative	MFLI
16b	1 <sup>st</sup> floor – pantry – under yellow linoleum - tan mastic	Negative	MFLI

17a	1 <sup>st</sup> floor – east storage room – black linoleum	Negative	MFLk
17b	1 <sup>st</sup> floor – east storage room – under black linoleum – tan mastic	Negative	MFLk
18a	2 <sup>nd</sup> floor – stair – on west wall – red and black linoleum	Negative	MFLek
18b	2 <sup>nd</sup> floor – stair – on west wall – under red and black linoleum – tan mastic	Negative	MFLek
19a	2 <sup>nd</sup> floor – west room – on south wall – flue packing bottom layer	Negative	TFP
19b	2 <sup>nd</sup> floor – west room – on south wall – flue packing top layer	Negative	TFP
20a	1 <sup>st</sup> floor – living room – north wall – plaster base coat	Negative	SPI
20b	1 <sup>st</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
21a	1 <sup>st</sup> floor – kitchen – north wall – plaster base coat	Negative	SPI
21b	1 <sup>st</sup> floor – kitchen – north wall – plaster skim coat	Negative	SPI
22a	2 <sup>nd</sup> floor – stair – west wall – plaster base coat	Negative	SPI
22b	2 <sup>nd</sup> floor – stair – west wall – plaster skim coat	Negative	SPI

None of the materials sampled contain asbestos.

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non-friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that this material be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MRSkw	Black & White Asphalt Shingle
MPG	Window Glazing Compound
MPT	Tar Paper
MDW	Drywall
MFLI	Yellow Linoleum
MFLk	Black Linoleum
MFLrk	Red & Black Linoleum
TFP	Flue Packing

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin, took place on August 2, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### Interior: 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin

- Painted masonry was not observed on the interior.

#### Exterior: 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin

- Painted block was observed on the interior basement walls. Lead based paint was not detected.

The following are the laboratory results.

**Site: 1933A South 23<sup>rd</sup> Street, Milwaukee, Wisconsin**

**Date: 8/2/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	Southwest Wall	Block	Gray	0.322

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just

for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Boxes, furniture, and debris on all floors – rooms only partially accessible. Basement full of garbage and debris – no access. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>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

<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

<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

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harena Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 330071

**Received** 08/06/19  
**Analyzed** 08/13/19  
**Reported** 08/13/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933R

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330071-001</b>	08/02/19	1	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				95% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330071-002</b>	08/02/19	2	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				95% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330071-003</b>	08/02/19	3	Wisconsin		
Layer 1:	Shingle			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				95% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>330071-004</b>	08/02/19	4	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>330071-005</b>	08/02/19	5	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>330071-006</b>	08/02/19	6	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>330071-007</b>	08/02/19	7	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933R

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>330071-017</b>	08/02/19	17	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Red/Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>330071-018</b>	08/02/19	18	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Red/Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>330071-019</b>	08/02/19	19	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Red, Soft				
<b>330071-020</b>	08/02/19	20	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>330071-021</b>	08/02/19	21	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1933R

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
330071-022	08/02/19	22	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

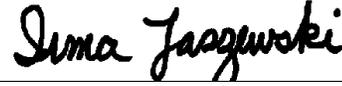
EPA Regulatory Limit: 1%

Total layers analyzed on order: 29

330071-08/13/19 03:52 PM



Analyst **Mohammed Hashim**



Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



# SCHNEIDER LABORATORIES GLOBAL, IN

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1477  
www.slabin.com • info@slabin.com

330071

X 22



V:330\330071

thawks  
UPS

8/6/2019 10:00:48 AM  
1Z2E2899846 749510

<b>Submitting Co:</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1933R				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) - Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica-XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	8/2/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen    Signature: [Signature]    Date/Time: 8/5/19 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.1933R				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	8/2/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 8/5/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.1933R				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica-XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	8/2/19								
22	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jackson Signature: [Signature] Date/Time: 8/2/19 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. LEAD LABORATORY RESULTS**



Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	330070
-----------------	--------

**Matrix** Paint  
**Received** 08/06/19  
**Analyzed** 08/06/19  
**Reported** 08/06/19

**Attn:**  
**Project:**  
**Location:** Wisconsin  
**Number:** 19-400-037.1933R

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
330070-001	P1		08/02/19	307 mg			
Lead		EPA 7000B		988 µg	0.322 %	3220 mg/kg	163 mg/kg

**Analyst:** DLJ  
330070-08/06/19 03:50 PM

Reviewed By: **Jennifer Lee**  
Manager

**Federal Lead Paint Statute**

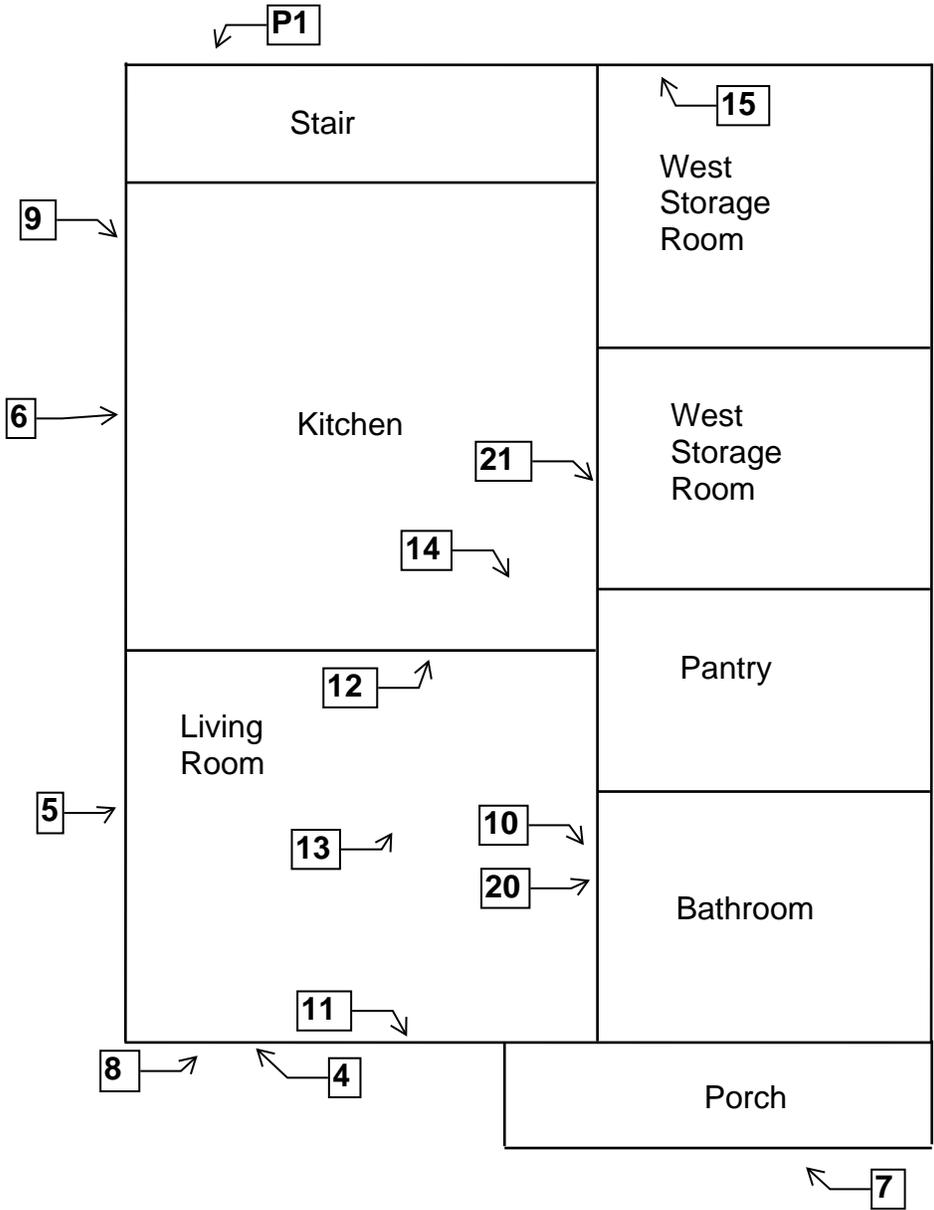
Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

## **XI. FLOOR PLANS**

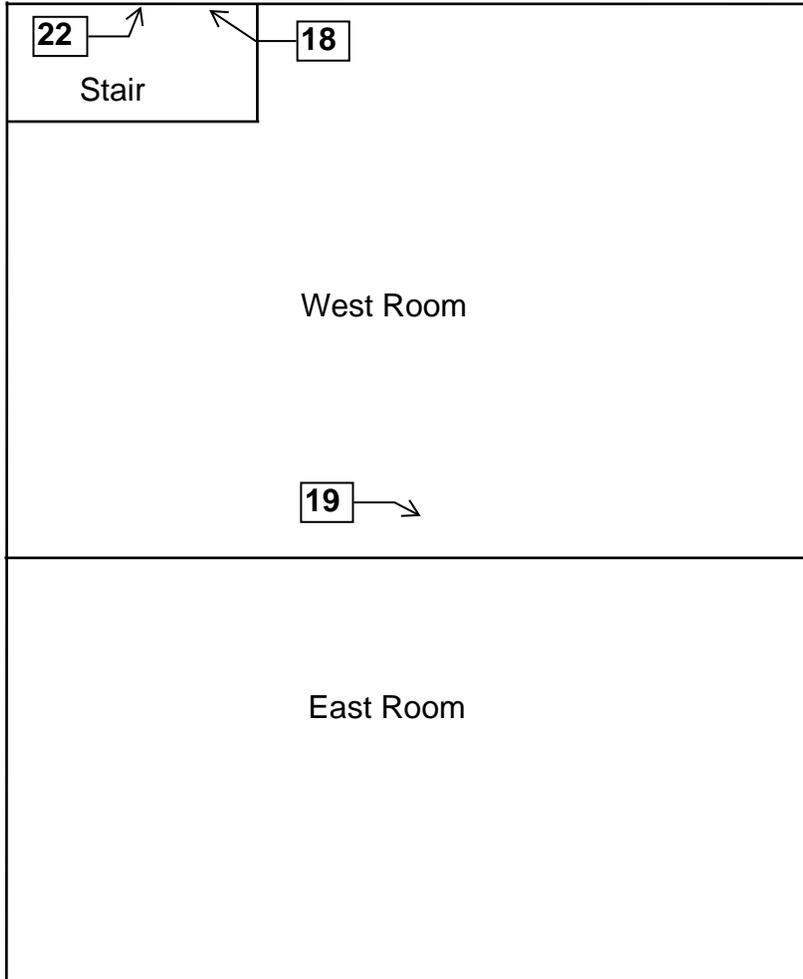
**One Family Rear Dwelling  
1933A South 23rd Street  
Milwaukee, Wisconsin**

1st Floor Plan



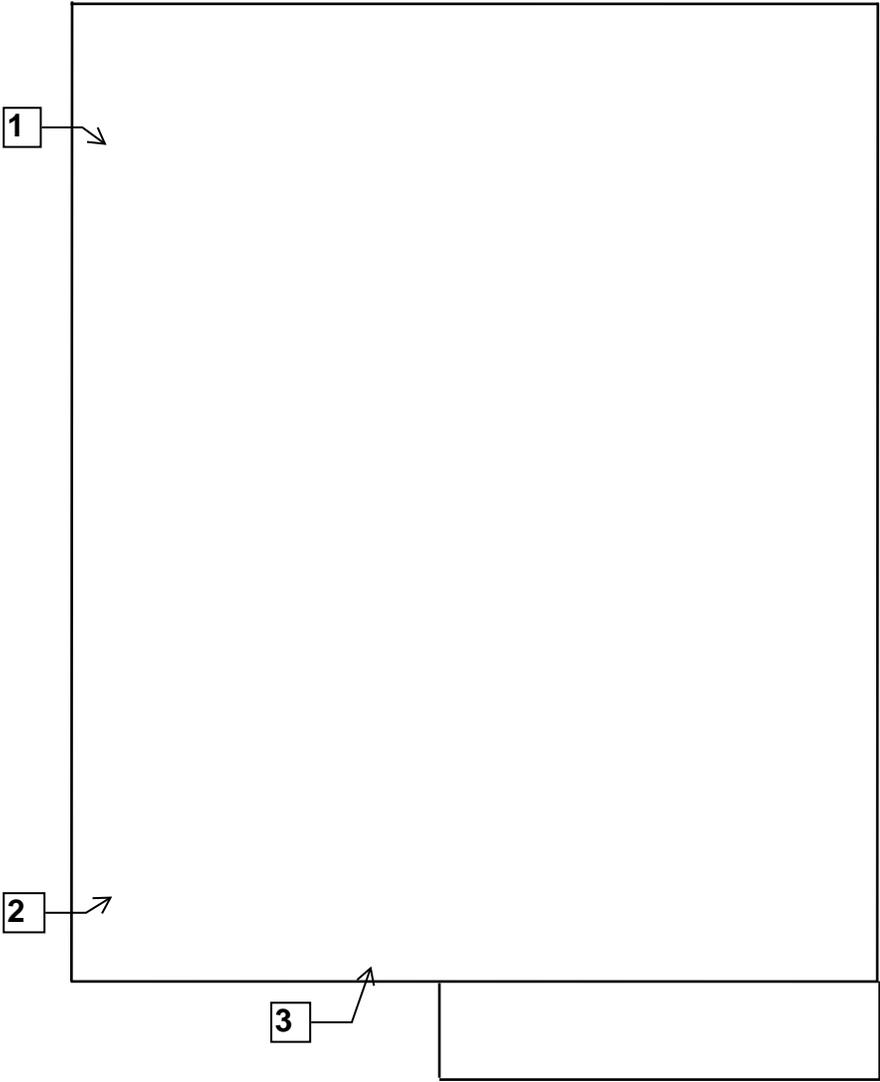
**One Family Rear Dwelling  
1933A South 23rd Street  
Milwaukee, Wisconsin**

2nd Floor Plan



**One Family Rear Dwelling  
1933A South 23rd Street  
Milwaukee, Wisconsin**

Roof Floor Plan



## **XII. 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: 07/23/2019  
Expiration Date: 08/31/2021, 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



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor

Tony Evers  
Governor

Andrea Palm  
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

February 5, 2019

DAMIAN SCOTT ROGOWSKI  
3536 COUNTY ROAD H  
FRANKSVILLE WI 53126-9211

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Please look it over and call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:  

Lead and Asbestos Section  
1 W. Wilson St., Room 137  
P.O. Box 2659  
Madison WI 53701-2659
4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you pro  
professional responsibility. Contact us if you l  
below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



**COPY**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**Two Family Dwelling  
2458-58A North 24<sup>th</sup> Street  
Milwaukee, Wisconsin**

### **For:**

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

**HMG Report No.: 19-400-037.2458-58A**

**Inspector: Cecil Trawick**

**Contract No.: 360-19-0975**

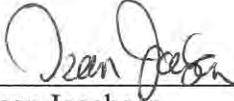
### **Prepared by:**

#### **HARENDA MANAGEMENT GROUP**

1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**November 2019**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
2458-58A North 24<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



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Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/20  
Harenda Management Group

November 14, 2019

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

RE: Deconstruction Inspection Report  
2458-58A North 24<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2458-58A North 24<sup>th</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in basement duct wrap sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

Lead was detected in paint on the interior and exterior basement walls, and exterior porch columns. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

## II. ASBESTOS INSPECTION

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 October 30, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Window glazing compound
- Texture
- Floor tile
- Blown in insulation
- Duct wrap
- Flue packing
- Plaster
- Drywall/joint compound
- Asphalt roof shingles
- Linoleum
- Mastics

- Roof flashing

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASBESTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASBESTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	MPT
2	Exterior – south wall under wood siding – tar paper	Negative	MPT
3	Exterior – east wall under wood siding – tar paper	Negative	MPT
4	1 <sup>st</sup> floor – dining room – on south window – glazing compound	Positive 2% Chrysotile	MPG
4	Point Count Result	Trace 0.5% Chrysotile	MPG
5	1 <sup>st</sup> floor – living room – on west window – glazing compound	Positive 2% Chrysotile	MPG
5	Point Count Result	Trace 0.75% Chrysotile	MPG
6	2 <sup>nd</sup> floor – kitchen – on north window – glazing compound	Positive 2% Chrysotile	MPG
6	Point Count Result	Trace 0.5% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
7	1 <sup>st</sup> floor – living room – on ceiling – texture	Negative	STX
8a	1 <sup>st</sup> floor – hall top layer – 12” green and white floor tile	Negative	MF12gw
8b	1 <sup>st</sup> floor – hall top layer – under 12” green and white floor tile – clear mastic	Negative	MF12gw
9a	1 <sup>st</sup> floor – bathroom top layer – 12” green and white floor tile	Negative	MF12gw
9b	1 <sup>st</sup> floor – bathroom top layer – under 12” green and white floor tile – clear mastic	Negative	MF12gw
10a	1 <sup>st</sup> floor – kitchen top layer – 12” green and white floor tile	Negative	MF12gw
10b	1 <sup>st</sup> floor – kitchen top layer – under 12” green and white floor tile – clear mastic	Negative	MF12gw
11a	1 <sup>st</sup> floor – hall 2 <sup>nd</sup> layer – 12” tan and white floor tile	Negative	MF12tw
11b	1 <sup>st</sup> floor – hall 2 <sup>nd</sup> layer – under 12” green and white floor tile – clear mastic	Negative	MF12tw
12a	1 <sup>st</sup> floor – bathroom 2 <sup>nd</sup> layer – 12” tan and white floor tile	Negative	MF12tw
12b	1 <sup>st</sup> floor – bathroom 2 <sup>nd</sup> layer – under 12” green and white floor tile – clear mastic	Negative	MF12tw
13a	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – 12” tan and white floor tile	Negative	MF12tw
13b	1 <sup>st</sup> floor – kitchen 2 <sup>nd</sup> layer – under 12” green and white floor tile – clear mastic	Negative	MF12tw
14	2 <sup>nd</sup> floor – rear stair – 6” brown floor tile	Negative	MF6n
15	2 <sup>nd</sup> floor – rear stair – on ceiling – texture #2	Negative	STX2
16	Attic – center under floor – blown in insulation	Negative	MBI
17	Attic – southwest under floor – blown in insulation	Negative	MBI
18	Attic – northwest under floor – blown in insulation	Negative	MBI
19	<b>Basement – west side on boot – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
20	<b>Basement – center on boot – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
21	<b>Basement – southeast on boot – duct wrap</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
22	Basement – on chimney – flue packing	Negative	TFP
23	1 <sup>st</sup> floor – front entry – north wall – plaster	Negative	SPI
24	1 <sup>st</sup> floor – dining room – south wall – plaster	Negative	SPI
25	1 <sup>st</sup> floor – living room – east wall – plaster	Negative	SPI
26	1 <sup>st</sup> floor – hall – west wall – plaster	Negative	SPI
27	2 <sup>nd</sup> floor – rear stair – north wall – plaster	Negative	SPI
28	2 <sup>nd</sup> floor – hall – north wall – plaster	Negative	SPI
29	2 <sup>nd</sup> floor – northwest bedroom – south wall – plaster	Negative	SPI
30a	1 <sup>st</sup> floor – hall – ceiling – drywall	Negative	MDW
30b	1 <sup>st</sup> floor – hall – ceiling – joint compound	Negative	MDW
31a	1 <sup>st</sup> floor – southeast bedroom – ceiling – drywall	Negative	MDW
31b	1 <sup>st</sup> floor – southeast bedroom – ceiling – joint compound	Negative	MDW
32a	2 <sup>nd</sup> floor – hall – south wall – drywall	Negative	MDW
32b	2 <sup>nd</sup> floor – hall – south wall – joint compound	Negative	MDW
33a	Roof – northwest top layer – white asphalt shingle	Negative	MRSw
33b	Roof – northwest 2 <sup>nd</sup> layer – brown asphalt shingle	Negative	MRSn
33c	Roof – northwest 3 <sup>rd</sup> layer – gray asphalt shingle	Negative	MRSy
34a	Roof – south center top layer – white asphalt shingle	Negative	MRSw
34b	Roof – south center 2 <sup>nd</sup> layer – brown asphalt shingle	Negative	MRSn
34c	Roof – south center 3 <sup>rd</sup> layer – gray asphalt shingle	Negative	MRSy
35a	Roof – northeast top layer – white asphalt shingle	Negative	MRSw
35b	Roof – northeast 2 <sup>nd</sup> layer – brown asphalt shingle	Negative	MRSn
35c	Roof – northeast 3 <sup>rd</sup> layer – gray asphalt shingle	Negative	MRSy

Sample #	Location and Description	Results	Homogeneous Code
36a	2 <sup>nd</sup> floor – bathroom – 12” tan and beige floor tile	Negative	MF12te
36b	2 <sup>nd</sup> floor – bathroom – under 12” tan and beige floor tile – tan mastic	Negative	MF12te
37a	2 <sup>nd</sup> floor – kitchen – east side top layer – 12” tan and beige floor tile	Negative	MF12te
37b	2 <sup>nd</sup> floor – kitchen – east side top layer – under 12” tan and beige floor tile – tan mastic	Negative	MF12te
38a	2 <sup>nd</sup> floor – kitchen – west side top layer – 12” tan and beige floor tile	Negative	MF12te
38b	2 <sup>nd</sup> floor – kitchen – west side top layer – under 12” tan and beige floor tile – tan mastic	Negative	MF12te
39a	2 <sup>nd</sup> floor – hall bottom layer – yellow linoleum	Negative	MFL1
39b	2 <sup>nd</sup> floor – hall bottom layer – under yellow linoleum – tan mastic	Negative	MFL1
40a	2 <sup>nd</sup> floor – rear stair landing bottom layer – yellow linoleum	Negative	MFL1
40b	2 <sup>nd</sup> floor – rear stair landing bottom layer – under yellow linoleum – tan mastic	Negative	MFL1
41	2 <sup>nd</sup> floor – south bedroom under carpet – yellow linoleum	Negative	MFL1
42	2 <sup>nd</sup> floor – kitchen bottom layer – 12” brown floor tile	Negative	MF12n

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Basement on Boots	20 SF	Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Window Glazing Compound	MPG	Windows on All Floors	27 Windows	Category II Non-Friable

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Material Type
Roof Flashing	Roof at Chimney	5 SF	Category I Non-Friable

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable and category I non-friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The window glazing compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in

Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the window glazing compound be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

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

#### **Homogeneous Material Codes**

SPI	Plaster
STX	Texture Living Room
STX2	Texture Stair
MPT	Tar Paper
MPG	Window Glazing Compound
MF12gw	12" Green & White Floor Tile
MF12tw	12" Tan & White Floor Tile
MF12te	12" Tan & Beige Floor Tile
MF12n	12" Brown Floor Tile
MF6n	6" Brown Floor Tile
MBI	Blown in Insulation
MDW	Drywall/Joint Compound
MRSy	Gray Asphalt Shingle
MFLI	Yellow Linoleum
TDW	Duct Wrap
TFP	Flue Packing

## **V. LEAD PAINT INSPECTION**

### **A. Methods**

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection at 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin, took place on October 30, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces.

Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

## B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

### Interior: 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted brick was observed on the interior basement walls. Lead based paint was not detected.

### Exterior: 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin

- Painted brick and block were observed on the exterior basement walls and columns. Lead based paint was not detected.

The following are the laboratory results.

**Site: 2458-58A North 24<sup>th</sup> Street, Milwaukee, Wisconsin**

**Date: 10/30/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Exterior	West Wall	Brick	Light Brown	0.0378
P2	Exterior	West Column	Block	Dark Brown	0.0977
P3	Basement	South Wall	Brick	Green	0.0043

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>1</u>	Fluorescent Lights – 1 <sup>st</sup> Floor Living Room
<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 – 2 Furnaces 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

<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 where 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>2</u>	Junk Auto Tires – Basement
<u>N/A</u>	Junk Vehicles

\* 2 Gas Meters on Exterior

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	<b>345450</b>
-----------------	---------------

**Received** 11/04/19  
**Analyzed** 11/08/19  
**Reported** 11/11/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-001</b>	10/30/19	1	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>345450-002</b>	10/30/19	2	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>345450-003</b>	10/30/19	3	Wisconsin		
Layer 1:	Felt			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>345450-004</b>	10/30/19	4	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Granular				
<b>345450-005</b>	10/30/19	5	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Granular				
<b>345450-006</b>	10/30/19	6	Wisconsin		
Layer 1:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Granular				
<b>345450-007</b>	10/30/19	7	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-008</b>	10/30/19	8	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Gray, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
<b>345450-009</b>	10/30/19	9	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Gray, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
<b>345450-010</b>	10/30/19	10	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Gray, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
<b>345450-011</b>	10/30/19	11	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
<b>345450-012</b>	10/30/19	12	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				
<b>345450-013</b>	10/30/19	13	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Clear, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-014</b>	10/30/19	14	Wisconsin		
Layer 1:	Granular Material White, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>345450-015</b>	10/30/19	15	Wisconsin		
Layer 1:	Insulation Beige, Fibrous			None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>345450-016</b>	10/30/19	16	Wisconsin		
Layer 1:	Insulation Beige, Fibrous			None Detected	65% CELLULOSE FIBER 20% INERT MATERIAL 15% MINERAL/GLASS WOOL
<b>345450-017</b>	10/30/19	17	Wisconsin		
Layer 1:	Insulation Beige, Fibrous			None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
<b>345450-018</b>	10/30/19	18	Wisconsin		
Layer 1:	Insulation White, Fibrous			60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
<b>345450-019</b>	10/30/19	19	Wisconsin		
Layer 1:	Insulation White, Fibrous			60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
<b>345450-020</b>	10/30/19	20	Wisconsin		
Layer 1:	Insulation White, Fibrous			60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
<b>345450-021</b>	10/30/19	21	Wisconsin		
Layer 1:	Hard Material Gray, Hard			None Detected	100% NON FIBROUS MATERIAL
<b>345450-022</b>	10/30/19	22	Wisconsin		
Layer 1:	Hard Material Gray, Hard			None Detected	100% NON FIBROUS MATERIAL
<b>345450-023</b>	10/30/19	23	Wisconsin		
Layer 1:	Hard Material Gray, Hard			None Detected	100% NON FIBROUS MATERIAL

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**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-024</b>	10/30/19	24	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-025</b>	10/30/19	25	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-026</b>	10/30/19	26	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-027</b>	10/30/19	27	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-028</b>	10/30/19	28	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-029</b>	10/30/19	29	Wisconsin		
Layer 1:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
<b>345450-030</b>	10/30/19	30	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>345450-031</b>	10/30/19	31	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

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**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-032</b>	10/30/19	32	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>345450-033</b>	10/30/19	33	Wisconsin		
Layer 1:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/White, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Beige, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>345450-034</b>	10/30/19	34	Wisconsin		
Layer 1:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/White, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Beige, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-035</b>	10/30/19	35	Wisconsin		
Layer 1:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/White, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Beige, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Roofing			None Detected	5% CELLULOSE FIBER
	Black/Gray, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>345450-036</b>	10/30/19	36	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>345450-037</b>	10/30/19	37	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>345450-038</b>	10/30/19	38	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>345450-039</b>	10/30/19	39	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige/Blue, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

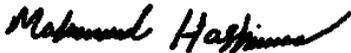
**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>345450-040</b>	10/30/19	40	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige/Blue, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>345450-041</b>	10/30/19	41	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige/Blue, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>345450-042</b>	10/30/19	42	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Off White, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 63

345450-11/11/19 12:06 PM

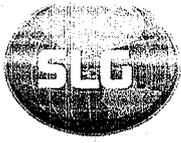


Analyst **Mohammed Hashim**



Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



# SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
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UPS

11/4/2019 9:45:00 AM  
1Z2E2899846 101487

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct. #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2458				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select All that Apply). Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
		<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
		<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
		<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		<b>Sub-Contract</b>
		<input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> _____		<input type="checkbox"/> TEM Chatfield
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM AHERA
		<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM 7402
		<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> _____	<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	10/30/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 11/1/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmental.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.2458			
<b>Collected By</b>			

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	10/20/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 10/1/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2458				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) - Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	10/30/09								
22									
23									
24									
25									
26									
27									
28									
29									
30									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 11/1/09 1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2458				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply). Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 11/1/19 (2020)

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabin.com • info@slabin.com

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2458				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
41	10/31/19								
42	↓								

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 11/1/20

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	346907
-----------------	--------

**Received** 11/13/19  
**Analyzed** 11/14/19  
**Reported** 11/14/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2458

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>346907-001</b>	10/30/19	4	Wisconsin		
Layer 1:	Granular Material Beige, Granular, Homogenous			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
<b>346907-002</b>	10/30/19	5	Wisconsin		
Layer 1:	Granular Material Beige, Granular, Homogenous			0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
<b>346907-003</b>	10/30/19	6	Wisconsin		
Layer 1:	Granular Material Beige, Granular, Homogenous			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 3

346907-11/14/19 04:04 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). 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 government agency endorsement. The test results reported relate only to the samples submitted.



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 www.slabinco.com • Info@slabinco.com

346907

S 3



V:\346\346907

afowler 11/13/2019 2:17:00 PM

Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order 345450			
Project Number	19-400-037.2458				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
4	10/30/19								
5	↓								
6	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen    Signature: *[Signature]*    Date/Time: 11/13/19 1300

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## **X. LEAD LABORATORY RESULTS**



Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	<b>345448</b>
-----------------	---------------

**Matrix** Paint  
**Received** 11/04/19  
**Analyzed** 11/04/19  
**Reported** 11/04/19

**Attn:**  
**Project:**  
**Location:** Wisconsin  
**Number:** 19-400-037.2458

**PO Number:**

Sample ID	Cust. Sample ID	Location Method	Sample Date	Weight Total µg	% / Wt.	Conc.	RL*
<b>345448-001</b>	P1		10/30/19	339 mg			
Lead		EPA 7000B		128 µg	0.0378 %	378 mg/kg	29.5 mg/kg
<b>345448-002</b>	P2		10/30/19	338 mg			
Lead		EPA 7000B		330 µg	0.0977 %	977 mg/kg	29.6 mg/kg
<i>Sample contains substrate which may affect the calculation of weight percent and mg/kg.</i>							
<b>345448-003</b>	P3		10/30/19	321 mg			
Lead		EPA 7000B		13.8 µg	0.0043 %	43.0 mg/kg	31.2 mg/kg

**Analyst: DLJ**  
**345448-11/04/19 05:19 PM**

Reviewed By: **Jennifer Lee**  
Manager

**Federal Lead Paint Statute**

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



# SCHNEIDER LABORATORIES GLOBAL, INC.

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475  
www.slabin.com • info@slabin.com

345448



0 3

V:\345\345448

fghtazi  
UPS

11/4/2019 9:45:00 AM  
1Z2E2899846 1101487

<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmenmtal.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.2458			
<b>Collected By</b>			

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input checked="" type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
P1	10/21/19								
P2	↓								
P3	↓								

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 11/1/19 (20)

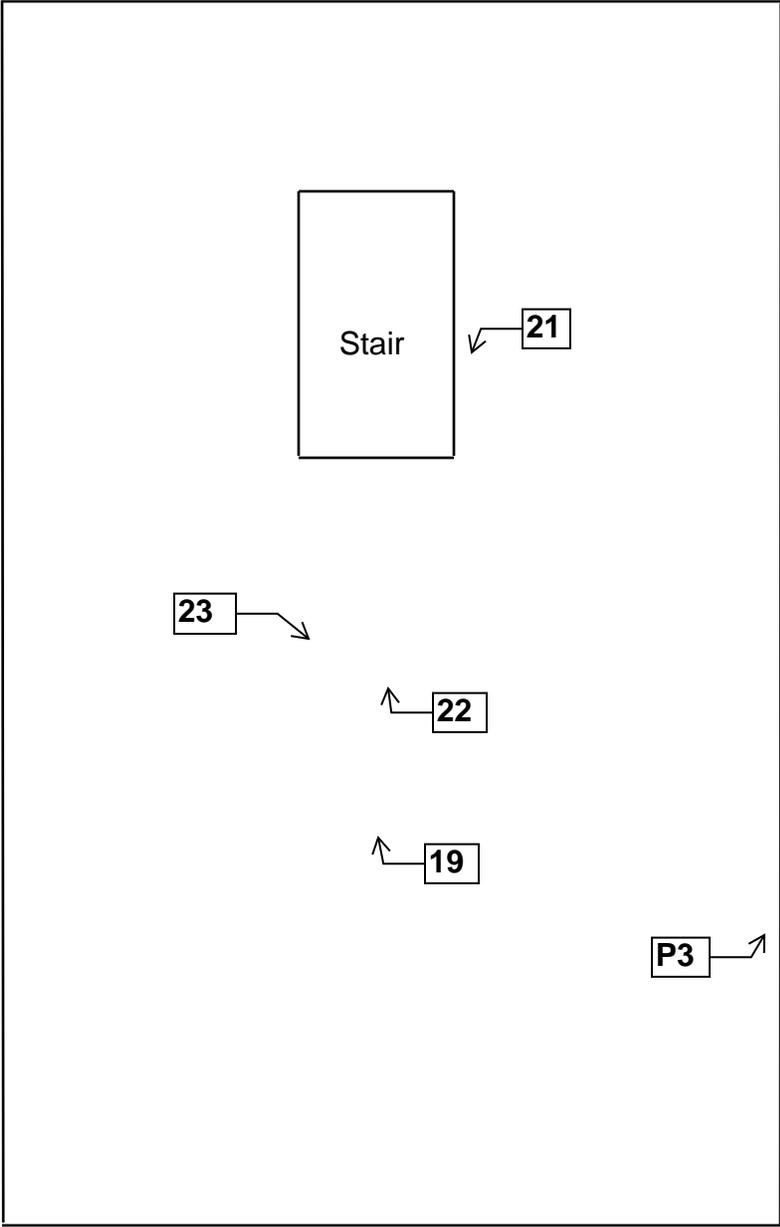
**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **XI. FLOOR PLANS**

**Two Family Dwelling  
2548-48A North 24th Street  
Milwaukee, Wisconsin**



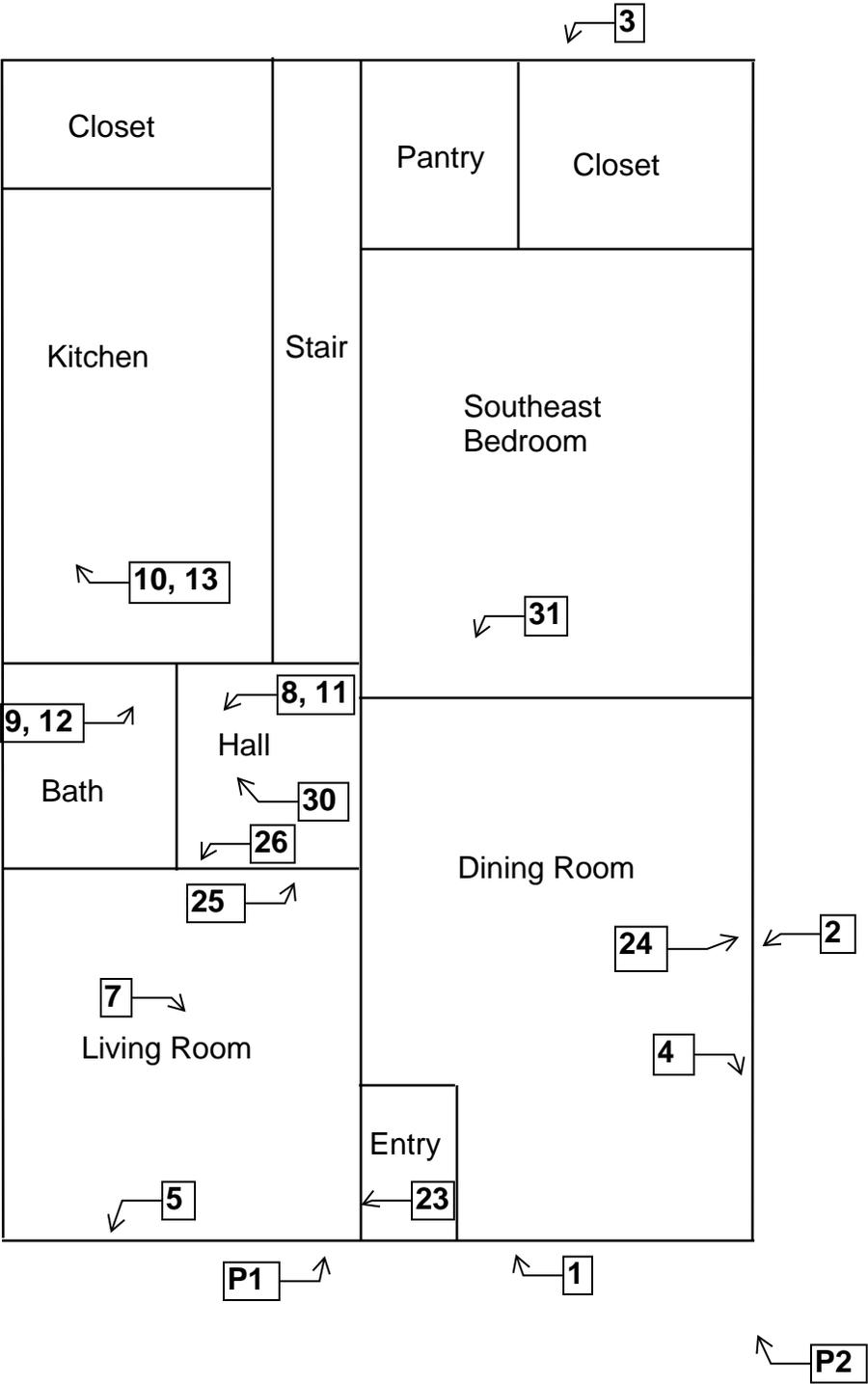
Basement Floor Plan



**Two Family Dwelling  
2548-48A North 24th Street  
Milwaukee, Wisconsin**



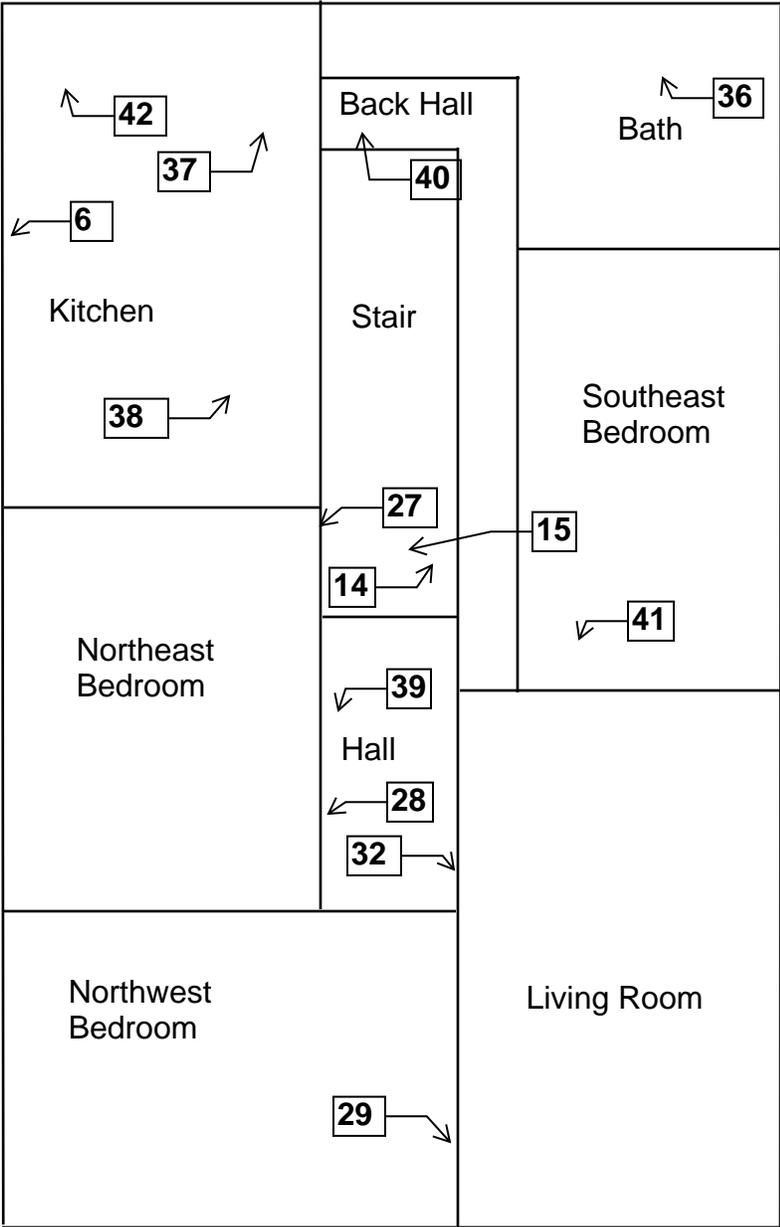
1st Floor Plan



**Two Family Dwelling  
2548-48A North 24th Street  
Milwaukee, Wisconsin**

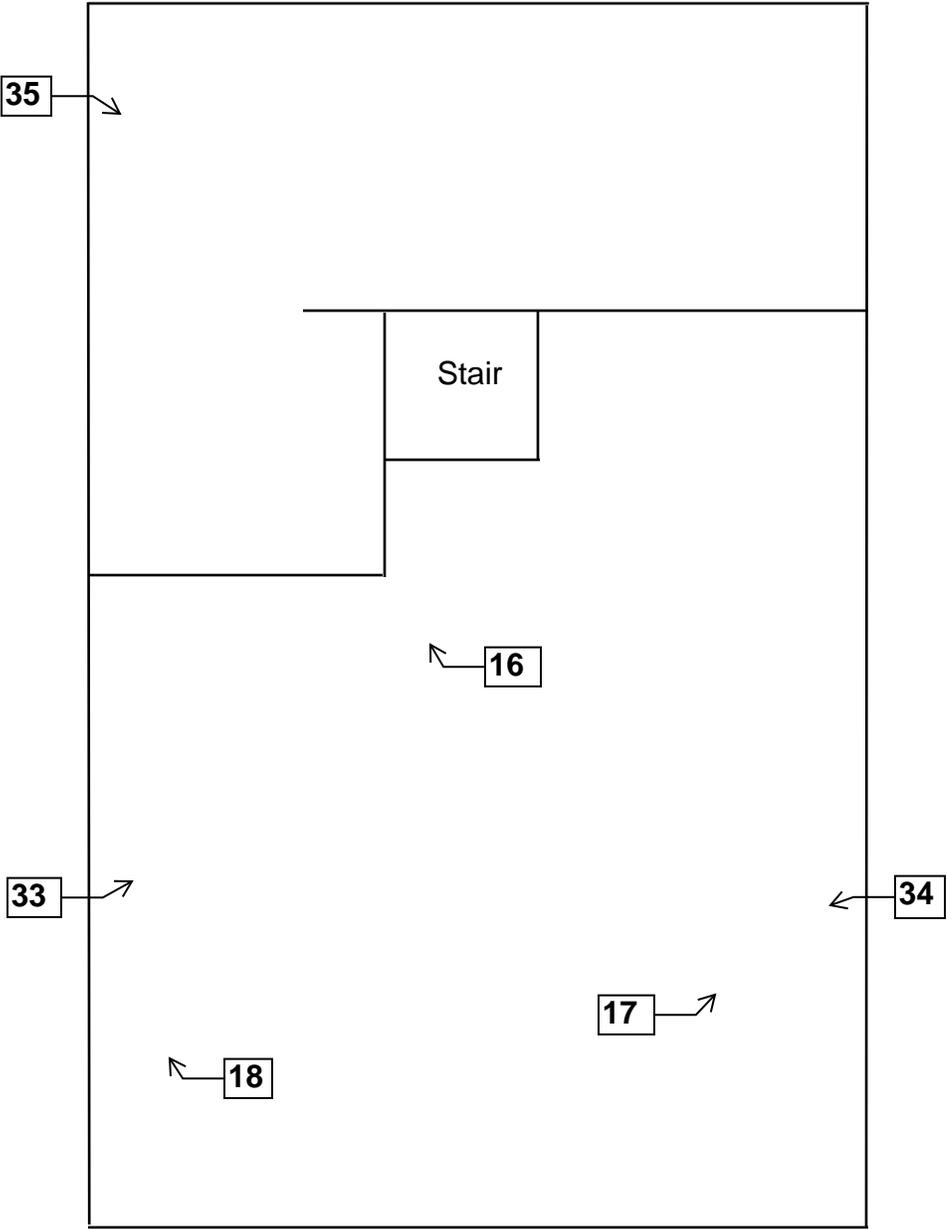


2nd Floor Plan



**Two Family Dwelling  
2548-48A North 24th Street  
Milwaukee, Wisconsin**

Attic/Roof Floor Plan



## **XII. 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: 07/23/2019  
Expiration Date: 08/31/2021, 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



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



**ASBESTOS INSPECTOR**

Issued By

**STATE OF WISCONSIN**

**Dept. of Health Services**

Cecil James Trawick Jr

5624 N 97th Street

Milwaukee WI 53227 2502

		222 lbs	5' 08"
All-104769	Exp: 10/02/2020	07/09/1971	

Training due by: 10/02/2020

**COPY**



**PRE-DEMOLITION INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
Two Family Dwelling  
1439-41 North 28<sup>th</sup> Street  
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 19-400-037.1439-41  
Inspector: Cecil Trawick  
Contract No.: 360-19-0975**

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**April 2019**

**Signature Page**

Pre-Demolition Inspection Report  
Two Family Dwelling  
1439-41 North 28<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



---

Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

April 30, 2019

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

RE: Pre-Demolition Inspection Report  
1439-41 North 28<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 1439-41 North 28<sup>th</sup> Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling and garage at 1439-41 North 28<sup>th</sup> Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in transite siding sampled during the inspection. Asbestos was assumed to be in the asphalt roofing and floor tile/mastic. Results are in Section IV of this report.

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Pre-demolition Inspection Report

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III.	Asbestos Laboratory .....	2
	A. Method of Analysis	
IV.	Asbestos Findings and Observations .....	2
V.	Exclusions .....	4
VI.	Limitations .....	4
VII.	Pre-Demolition Environmental Checklist.....	6
VIII.	Asbestos Laboratory Results.....	10
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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling and garage at 1439-41 North 28<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with transite walls and asphalt roofing. The garage has block walls and asphalt roofing.

## II. ASEBSTOS INSPECTION

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 April 19, 2019, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for mechanical demolition, located at 1439-41 North 28<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Paper insulation
- Tar paper
- Ceiling tile
- Window glazing compound
- Plaster
- Drywall
- Floor tile
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

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

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

#### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	House Exterior – east wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
2	House Exterior – south wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
3	House Exterior – west wall – transite siding	<b>Positive 20% Chrysotile</b>	<b>MTP</b>
4	House Exterior – east wall under transite siding – silver paper insulation	Negative	MPIs
5	House Exterior – south wall under transite siding – silver paper insulation	Negative	MPIs
6	House Exterior – west wall under transite siding – silver paper insulation	Negative	MPIs
7	House Exterior – west wall under wood siding – tar paper	Negative	MPT
8	House Exterior – south wall under wood siding – tar paper	Negative	MPT
9	House Exterior – east wall under wood siding – tar paper	Negative	MPT
10	2 <sup>nd</sup> floor – kitchen – 2' x 4' ceiling tile	Negative	MSCT24
11	2 <sup>nd</sup> floor – west room – 2' x 4' ceiling tile	Negative	MSCT24
12	2 <sup>nd</sup> floor – bathroom – 2' x 4' ceiling tile	Negative	MSCT24
13	1 <sup>st</sup> floor – kitchen – on south window – tan glazing compound	Negative	MPGt
14	2 <sup>nd</sup> floor – kitchen – on south window – tan glazing compound	Negative	MPGt

Sample #	Location and Description	Results	Homogeneous Code
15	2 <sup>nd</sup> floor – north bedroom – on north window – tan glazing compound	Negative	MPGt
16a	1 <sup>st</sup> floor – front entry – south wall – plaster base coat	Negative	SPI
16b	1 <sup>st</sup> floor – front entry – south wall – plaster skim coat	Negative	SPI
17a	1 <sup>st</sup> floor – living room – east wall – plaster base coat	Negative	SPI
17b	1 <sup>st</sup> floor – living room – east wall – plaster skim coat	Negative	SPI
18a	1 <sup>st</sup> floor – dining room – north wall – plaster base coat	Negative	SPI
18b	1 <sup>st</sup> floor – dining room – north wall – plaster skim coat	Negative	SPI
19a	1 <sup>st</sup> floor – southeast bedroom – west wall – plaster base coat	Negative	SPI
19b	1 <sup>st</sup> floor – southeast bedroom – west wall – plaster skim coat	Negative	SPI
20a	2 <sup>nd</sup> floor – kitchen – north wall – plaster base coat	Negative	SPI
20b	2 <sup>nd</sup> floor – kitchen – north wall – plaster skim coat	Negative	SPI
21a	2 <sup>nd</sup> floor – west room – east wall – plaster base coat	Negative	SPI
21b	2 <sup>nd</sup> floor – west room – east wall – plaster skim coat	Negative	SPI
22a	2 <sup>nd</sup> floor – living room – west wall – plaster base coat	Negative	SPI
22b	2 <sup>nd</sup> floor – living room – west wall – plaster skim coat	Negative	SPI
23	1 <sup>st</sup> floor – front entry – north wall – drywall	Negative	MDW
24	1 <sup>st</sup> floor – kitchen – east wall – drywall	Negative	MDW
25	2 <sup>nd</sup> floor – kitchen – southwest wall – drywall	Negative	MDW
26	1 <sup>st</sup> floor – kitchen – on south window – gray glazing compound	Negative	MPGy
27	1 <sup>st</sup> floor – west bedroom – on north window – gray glazing compound	Negative	MPGy
28	2 <sup>nd</sup> floor – northeast bedroom – on north window – gray glazing compound	Negative	MPGy

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	House Exterior Walls	2,800 SF	Fair

**Assumed Category I Non-Friable Asbestos Containing Material:**

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	House & Garage Roofs	2,700 SF	Fair
Floor Tile & Mastic	1 <sup>st</sup> Floor Front Entry/Hall/Kitchen/Stair 2 <sup>nd</sup> Floor Kitchen/West Room/Bathroom/Hall	700 SF	Fair

**Note #1:** The transite siding is a category II friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that the transite siding be abated prior to demolition.

**Note #2:** Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials and were not friable. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

**Note#3:** Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

**Note#4:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#5:** A copy of this report should be transmitted to the demolition contractor.

**Homogeneous Material Codes**

SPI	Plaster
MTP	Transite Siding
MPIs	Silver Paper Insulation
MPT	Tar Paper
MSCT24	2' x 4' Ceiling Tile
MPGt	Tan Window Glazing Compound
MPGy	Gray Window Glazing Compound
MDW	Drywall

**V. EXCLUSIONS**

**Basement flooded and not accessible. 1<sup>st</sup> floor living room and 2<sup>nd</sup> floor bathroom fire damaged and not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 inaccessible 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 Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

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

## **VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>2</u>	Fluorescent Lights – 2 <sup>nd</sup> Floor Living Room
<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**

<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**

<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 where 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

## VIII. ASBESTOS LABORATORY RESULTS



**Customer:** Harena Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	312382
-----------------	--------

**Received** 04/25/19  
**Analyzed** 04/27/19  
**Reported** 04/30/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1439-41

**Method:** EPA 600/R-93/116 & 600/M4-82-020

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
312382-001	04/19/19	1	Wisconsin		
Layer 1: Transite White/Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
312382-002	04/19/19	2	Wisconsin		
Layer 1: Transite White, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
312382-003	04/19/19	3	Wisconsin		
Layer 1: Transite White, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
312382-004	04/19/19	4	Wisconsin		
Layer 1: Paper Silver/White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
312382-005	04/19/19	5	Wisconsin		
Layer 1: Paper Silver/White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
312382-006	04/19/19	6	Wisconsin		
Layer 1: Paper Silver/White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
312382-007	04/19/19	7	Wisconsin		
Layer 1: Paper Tan/Black, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
312382-008	04/19/19	8	Wisconsin		
Layer 1: Paper Tan/Black, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1439-41

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>312382-009</b>	04/19/19	9	Wisconsin		
Layer 1:	Paper			None Detected	90% CELLULOSE FIBER
	Tan/Black, Fibrous				10% NON FIBROUS MATERIAL
<b>312382-010</b>	04/19/19	10	Wisconsin		
Layer 1:	Acoustical Tile			None Detected	40% CELLULOSE FIBER
	White, Fibrous				20% FOAMED GLASS
					30% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>312382-011</b>	04/19/19	11	Wisconsin		
Layer 1:	Acoustical Tile			None Detected	40% CELLULOSE FIBER
	White, Fibrous				20% FOAMED GLASS
					30% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>312382-012</b>	04/19/19	12	Wisconsin		
Layer 1:	Acoustical Tile			None Detected	40% CELLULOSE FIBER
	White, Fibrous				20% FOAMED GLASS
					30% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>312382-013</b>	04/19/19	13	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Tan, Granular				
<b>312382-014</b>	04/19/19	14	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Tan, Granular				
<b>312382-015</b>	04/19/19	15	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Tan, Granular				
<b>312382-016</b>	04/19/19	16	Wisconsin		
Layer 1:	Plaster			None Detected	3% ANIMAL HAIR
	Gray, Granular				97% NON FIBROUS MATERIAL
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1439-41

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>312382-017</b>	04/19/19	17	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>312382-018</b>	04/19/19	18	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>312382-019</b>	04/19/19	19	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>312382-020</b>	04/19/19	20	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>312382-021</b>	04/19/19	21	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>312382-022</b>	04/19/19	22	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1439-41

**Method:** EPA 600/R-93/116 & 600/M4-82-020

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>312382-023</b>	04/19/19	23	Wisconsin		
Layer 1:	Drywall			None Detected	4% CELLULOSE FIBER
	White, Powdery				96% NON FIBROUS MATERIAL
<b>312382-024</b>	04/19/19	24	Wisconsin		
Layer 1:	Drywall			None Detected	4% CELLULOSE FIBER
	White, Powdery				96% NON FIBROUS MATERIAL
<b>312382-025</b>	04/19/19	25	Wisconsin		
Layer 1:	Drywall			None Detected	4% CELLULOSE FIBER
	White, Powdery				96% NON FIBROUS MATERIAL
<b>312382-026</b>	04/19/19	26	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>312382-027</b>	04/19/19	27	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>312382-028</b>	04/19/19	28	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				

EPA Regulatory Limit: 1%

Total layers analyzed on order: 35



Analyst **Elsamani Abdelfadiel**

312382-04/30/19 08:22 AM



Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

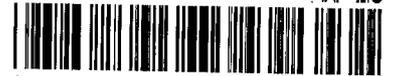


**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

312382

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UPS

4/25/2019 9:45:29 AM

1Z2E2899846 2275362

Submitting Co: Harenda Management Group		State of Collection: WI	Cert. Required: <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #: 5065	Phone: (414) 647-1530
Milwaukee, WI 53204		Email: dean.jacobsen@kphenvironmenmtal.com	
Project Name:		PO #:	
Project Location: Wisconsin	Special Instructions:		
Project Number: 19-400-037.1439-41			
Collected By:			

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep <b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ <b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day) <b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	4/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/24/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabin.com • info@slabin.com

Submitting Co	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.1439-41				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	4/18/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/24/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1439-41				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour *	<input type="checkbox"/> Air	<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
<input type="checkbox"/> Same day *	<input type="checkbox"/> Paint	<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
<input type="checkbox"/> 1 business day	<input type="checkbox"/> Soil	<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP	<input type="checkbox"/> Allergens
<input type="checkbox"/> 2 business days	<input type="checkbox"/> Wipe	<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury	(w/ organics 10 Day)	
<input checked="" type="checkbox"/> 3 business days	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Gravimetric Prep			<b>Sub-Contract</b>
<input type="checkbox"/> 5 business days	<input type="checkbox"/> Waste Water				<input type="checkbox"/> TEM Chatfield
* not available for all tests	<input type="checkbox"/> Ground Water	<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM AHERA
** past 3 PM the TAT will begin next business day	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica-FTIR (7602)	<input type="checkbox"/> TEM 7402
Please schedule rush tests in advance	<input type="checkbox"/> TSP / PM10	<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/>	<input type="checkbox"/> Silica XRD (7500)
	<input type="checkbox"/>				

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	4/19/19								
22	↓								
23									
24									
25									
26									
27									
28									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

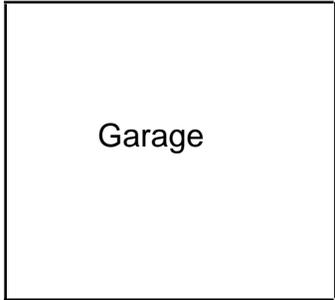
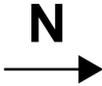
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/24/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

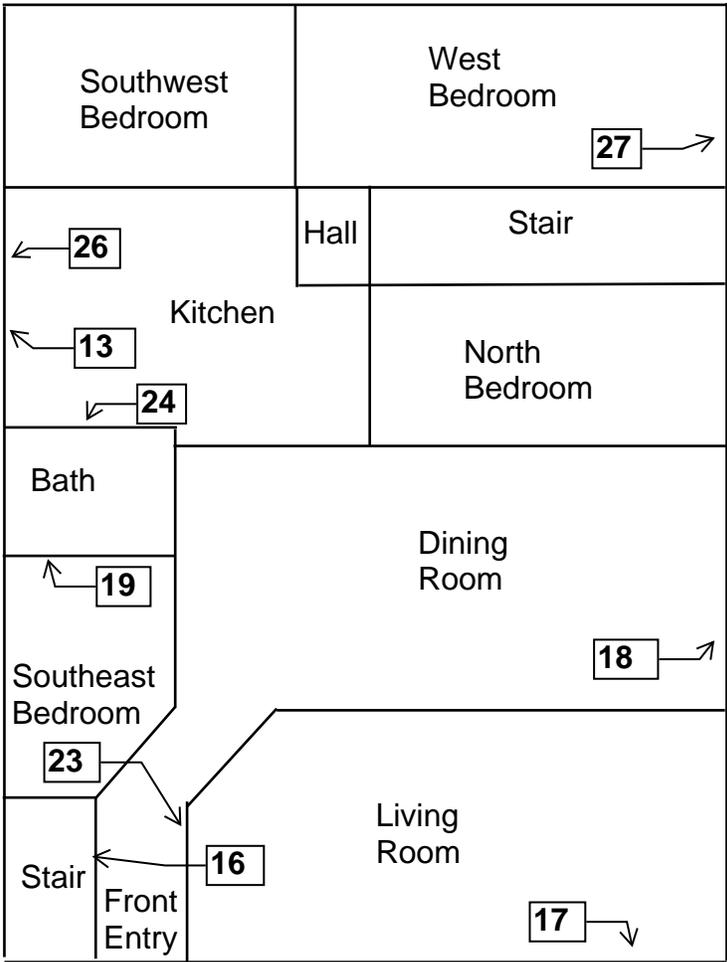
## **IX. FLOOR PLANS**

**Two Family Dwelling  
1439-41 North 28th Street  
Milwaukee, Wisconsin**

1st Floor Plan



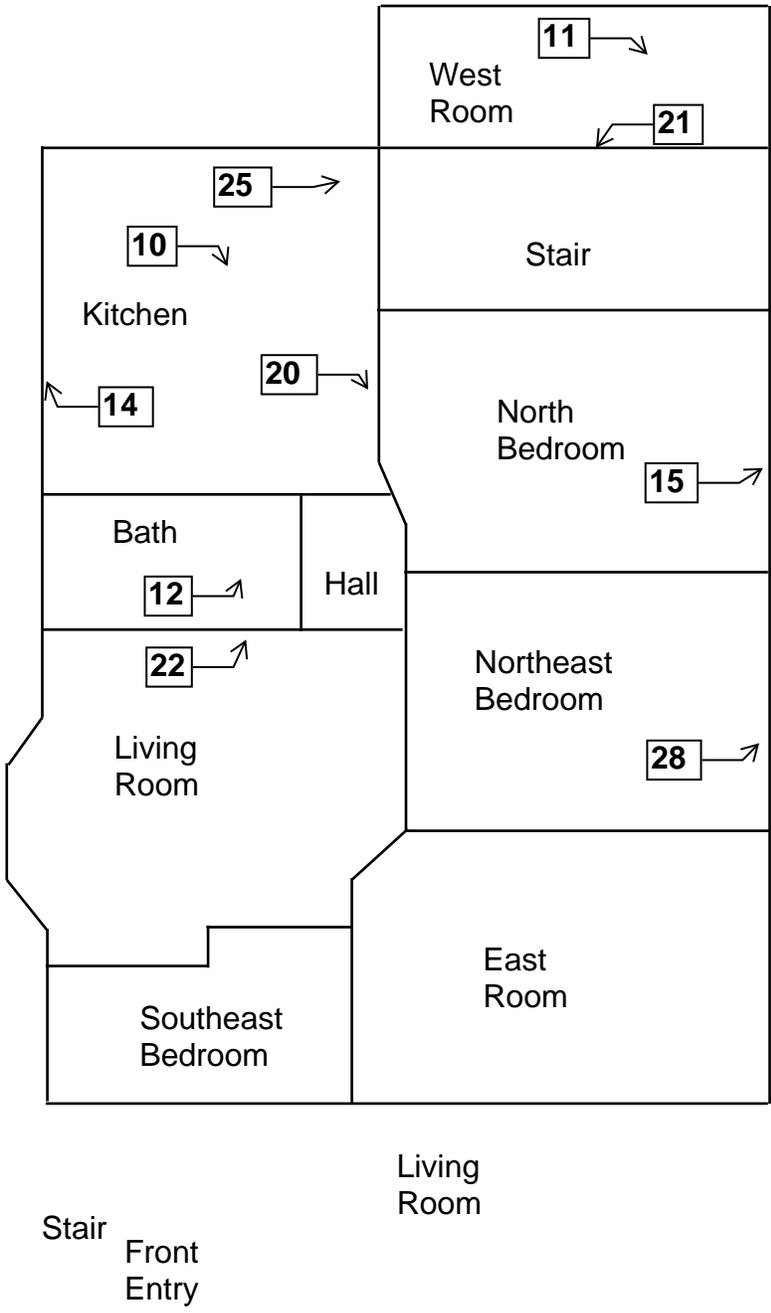
3, 6, 9



1, 4, 7

**Two Family Dwelling  
1439-41 North 28th Street  
Milwaukee, Wisconsin**

2nd Floor Plan



## **X. 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: 06/23/2017

Expiration Date: 08/31/2019, 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



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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are exercising your professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 10/02/2019	214 lbs	5' 08"
		07/09/1971	

Training due by: 10/02/2019

**COPY**



## **DECONSTRUCTION INSPECTION REPORT**

### **Job Site:**

**One Family Dwelling  
2032 North 32<sup>nd</sup> Street  
Milwaukee, Wisconsin**

### **For:**

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

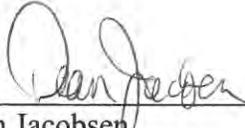
**HMG Report No.: 19-400-037.2032  
Inspector: Cecil Trawick  
Contract No.: 360-19-0975**

### **Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

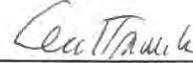
**March 2019**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
2032 North 32<sup>nd</sup> Street  
Milwaukee, Wisconsin



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Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



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Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

March 21, 2019

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

RE: Deconstruction Inspection Report  
2032 North 32<sup>nd</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2032 North 32<sup>nd</sup> Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in basement flue packing sampled during the inspection. Asbestos was detected at less than 1% in 2<sup>nd</sup> floor bedroom and closet floor tile as verified by point counting. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the exterior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling and garage at 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing. The garage has wood walls and asphalt roofing.

## II. ASEBSTOS INSPECTION

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 March 8, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling and garage, scheduled for deconstruction, located at 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Window glazing compound
- Texture
- Ceramic tile
- Drywall/joint compound
- Flue packing
- Plaster
- Blown in insulation
- Floor tile
- Linoleum
- Asphalt roofing

- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – pink paper insulation	Negative	MPIp
2	Exterior – south wall under wood siding – pink paper insulation	Negative	MPIp
3	Exterior – north wall under wood siding – pink paper insulation	Negative	MPIp
4	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk
5	1 <sup>st</sup> floor – living room – on west window – glazing compound	Negative	MPG
6	2 <sup>nd</sup> floor – northwest bedroom – on north window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
7	2 <sup>nd</sup> floor – northeast bedroom – on north window – glazing compound	Negative	MPG
8	1 <sup>st</sup> floor – dining room – on ceiling – texture	Negative	STX
9	1 <sup>st</sup> floor – kitchen – on ceiling – texture	Negative	STX
10	2 <sup>nd</sup> floor – northeast bedroom – on ceiling – texture	Negative	STX
11a	1 <sup>st</sup> floor – bathroom – on west wall – blue ceramic tile	Negative	MCTMb
11b	1 <sup>st</sup> floor – bathroom – on west wall – under blue ceramic tile – tan mastic	Negative	MCTMb
12a	1 <sup>st</sup> floor – bathroom – on west wall – yellow and blue ceramic tile	Negative	MCTMb
12b	1 <sup>st</sup> floor – bathroom – on west wall – under yellow and blue ceramic tile – mortar	Negative	MCTMb
13a	1 <sup>st</sup> floor – north room – north wall – drywall	Negative	MDW
13b	1 <sup>st</sup> floor – north room – north wall – joint compound	Negative	MDW
14a	1 <sup>st</sup> floor – bathroom – east wall – drywall	Negative	MDW
14b	1 <sup>st</sup> floor – bathroom – east wall – joint compound	Negative	MDW
15a	2 <sup>nd</sup> floor – east hall – south wall – drywall	Negative	MDW
15b	2 <sup>nd</sup> floor – east hall – south wall – joint compound	Negative	MDW
16a	Basement – on chimney – flue packing top layer	Negative	TFP
<b>16b</b>	<b>Basement – on chimney – flue packing bottom layer</b>	<b>Positive 60% Chrysotile</b>	<b>TFP</b>
17a	1 <sup>st</sup> floor – front entry – south wall – plaster	Negative	SPI
17b	1 <sup>st</sup> floor – front entry – south wall – joint compound layer	Negative	SPI
18a	1 <sup>st</sup> floor – dining room – north wall – plaster	Negative	SPI
18b	1 <sup>st</sup> floor – dining room – north wall – joint compound layer	Negative	SPI
19a	1 <sup>st</sup> floor – kitchen – north wall – plaster	Negative	SPI
19b	1 <sup>st</sup> floor – kitchen – north wall – joint compound layer	Negative	SPI
20	2 <sup>nd</sup> floor – northeast bedroom – east wall – plaster	Negative	SPI
21a	2 <sup>nd</sup> floor – bathroom – east wall – plaster	Negative	SPI
21b	2 <sup>nd</sup> floor – bathroom – east wall – joint compound layer	Negative	SPI
22	2 <sup>nd</sup> floor – northeast bedroom – on floor center – blown in insulation	Negative	MBI
23	2 <sup>nd</sup> floor – northeast bedroom – on floor east side – blown in insulation	Negative	MBI
24	2 <sup>nd</sup> floor – northeast bedroom – in ceiling – blown in insulation	Negative	MBI
25a	1 <sup>st</sup> floor – kitchen south side – 12” green and white floor tile	Negative	MF12gw
25b	1 <sup>st</sup> floor – kitchen south side – under 12” green and white floor tile – tan mastic	Negative	MF12gw
26a	1 <sup>st</sup> floor – kitchen west side – 12” green and white floor tile	Negative	MF12gw
26b	1 <sup>st</sup> floor – kitchen west side – under 12” green and white floor tile – tan mastic	Negative	MF12gw
27a	1 <sup>st</sup> floor – kitchen north side – 12” green and white floor tile	Negative	MF12gw
27b	1 <sup>st</sup> floor – kitchen north side – under 12” green and white floor tile – tan mastic	Negative	MF12gw
28a	1 <sup>st</sup> floor – rear stair landing – 12” beige floor tile	Negative	MF12e
28b	1 <sup>st</sup> floor – rear stair landing – under 12” beige floor tile – tan mastic	Negative	MF12e
29a	1 <sup>st</sup> floor – dining room west side – under carpet – 12” tan floor tile	Negative	MF12t
29b	1 <sup>st</sup> floor – dining room west side – under 12” tan floor tile – tan mastic	Negative	MF12t
29c	1 <sup>st</sup> floor – dining room west side – under carpet – backing	Negative	MF12t

Sample #	Location and Description	Results	Homogeneous Code
30a	1 <sup>st</sup> floor – dining room south side – under carpet – 12” tan floor tile	Negative	MF12t
30b	1 <sup>st</sup> floor – dining room south side – under 12” tan floor tile – tan mastic	Negative	MF12t
30c	1 <sup>st</sup> floor – dining room south side – under carpet – backing	Negative	MF12t
31a	1 <sup>st</sup> floor – dining room north side – under carpet – 12” tan floor tile	Negative	MF12t
31b	1 <sup>st</sup> floor – dining room north side – under 12” tan floor tile – tan mastic	Negative	MF12t
31c	1 <sup>st</sup> floor – dining room north side – under carpet – backing	Negative	MF12t
32a	1 <sup>st</sup> floor – front entry – 12” white floor tile	Negative	MF12w
32b	1 <sup>st</sup> floor – front entry – under 12” white floor tile – tan mastic	Negative	MF12w
33a	1 <sup>st</sup> floor – bathroom – 6” black and white floor tile	Negative	MF6kw
33b	1 <sup>st</sup> floor – bathroom – under 6” black and white floor tile – tan mastic	Negative	MF6kw
34a	1 <sup>st</sup> floor – dining room closet – yellow linoleum	Negative	MFLl
34b	1 <sup>st</sup> floor – dining room closet – under yellow linoleum – tan mastic	Negative	MFLl
35a	2 <sup>nd</sup> floor – northwest bedroom closet – brown linoleum	Negative	MFLn
35b	2 <sup>nd</sup> floor – northwest bedroom closet – under brown linoleum – tan mastic	Negative	MFLn
36a	2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – tan linoleum	Negative	MFLt
36b	2 <sup>nd</sup> floor – bathroom 3 <sup>rd</sup> layer – under tan linoleum – brown mastic	Negative	MFLt
37a	2 <sup>nd</sup> floor – bathroom top layer – 12” gray floor tile	Negative	MF12y
37b	2 <sup>nd</sup> floor – bathroom top layer – under 12” gray floor tile – tan mastic	Negative	MF12y
38a	2 <sup>nd</sup> floor – east hall top layer – 12” brown floor tile	Negative	MF12n
38b	2 <sup>nd</sup> floor – east hall top layer – under 12” brown floor tile – tan mastic	Negative	MF12n
39a	2 <sup>nd</sup> floor – east hall 2 <sup>nd</sup> layer – 12” white and blue floor tile	Negative	MF12wb
39b	2 <sup>nd</sup> floor – east hall 2 <sup>nd</sup> layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
40a	2 <sup>nd</sup> floor – bathroom top layer – 12” black floor tile	Negative	MF12k
40b	2 <sup>nd</sup> floor – bathroom top layer – under 12” black floor tile – brown mastic	Negative	MF12k
41a	2 <sup>nd</sup> floor – northeast bedroom under carpet – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
41a	POINT COUNT RESULT	Trace 0.5% Chrysotile	MF12l
41b	2 <sup>nd</sup> floor – northeast bedroom under carpet – under 12” yellow floor tile – tan mastic	Negative	MF12l
42a	2 <sup>nd</sup> floor – east hall closet – 12” cream floor tile	Positive 2% Chrysotile	MF12c
42a	POINT COUNT RESULT	Trace 0.75% Chrysotile	MF12c
42b	2 <sup>nd</sup> floor – east hall closet – under 12” cream floor tile – tan mastic	Negative	MF12c
43	Roof – northeast – black and red asphalt shingle	Negative	MRSkr
44	Roof – south center – black and red asphalt shingle	Negative	MRSkr
45	Roof – southwest – black and red asphalt shingle	Negative	MRSkr

One (1) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Flue Packing	TFP	Basement on Chimney	2 SF	Poor

Two (2) of the materials sampled contain less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Yellow Floor Tile	MF12I	2 <sup>nd</sup> Floor Northeast Bedroom Under Carpet	100 SF	Fair
12" Cream Floor Tile	MF12c	2 <sup>nd</sup> Floor Rear Stair Closet	10 SF	Fair

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Fair

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACMs listed above are friable and category I non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** The 12" yellow floor tile and 12" cream floor tile contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACMs. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

- Exposure assessments
- Use of respirators and protective clothing until exposure assessments results are known,
- Using wet methods and HEPA vacuums for cleanup of the joint compound,
- Putting waste in leak tight asbestos labeled containers

HMG recommends that the 12" yellow floor tile and 12" cream floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

**Note#3:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MPG	Glazing Compound
MPIp	Pink Paper Insulation
MPIk	Black Paper Insulation
MCTMb	Blue Ceramic Tile
MCTMIb	Yellow & Blue Ceramic Tile
MDW	Drywall/Joint Compound

### Homogeneous Material Codes

MBI	Blown in Insulation
MF12gw	12" Green & White Floor Tile
MF12et	12" Beige Floor Tile
MF12t	12" Tan Floor Tile
MF12w	12" White Floor Tile
MF12y	12" Gray Floor Tile
MF12n	12" Brown Floor Tile
MF12wb	12" White & Blue Floor Tile
MF12k	12" Black Floor Tile
MF12l	12" Yellow Floor Tile
MF12c	12" Cream Floor Tile
MF6kw	6" Black & White Floor Tile
MFLl	Yellow Linoleum
MFLn	Brown Linoleum
MFLt	Tan Linoleum
MRSkr	Black & Red Asphalt Shingle
TFP	Flue Packing

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin, took place on March 8, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

**Interior: 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin**

- Painted masonry was not observed on the interior.

**Exterior: 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin**

- Painted brick was observed on the exterior basement walls. Lead based paint was not detected.

The following are the laboratory results.

**Site: 2032 North 32<sup>nd</sup> Street, Milwaukee, Wisconsin**

**Date: 3/8/19**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P01	Exterior	North Wall	Brick	White	0.0355

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

## **ASBESTOS**

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

## **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>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 Furnace & 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 Electrical 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 where 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.

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	305013
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**Received** 03/13/19  
**Analyzed** 03/18/19  
**Reported** 03/18/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-001</b>	03/08/19	1	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-002</b>	03/08/19	2	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-003</b>	03/08/19	3	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-004</b>	03/08/19	4	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-005</b>	03/08/19	5	Wisconsin		
Layer 1:	Glazing			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>305013-006</b>	03/08/19	6	Wisconsin		
Layer 1:	Glazing			None Detected	100% NON FIBROUS MATERIAL
	Beige/Green, Granular				
<b>305013-007</b>	03/08/19	7	Wisconsin		
Layer 1:	Glazing			None Detected	100% NON FIBROUS MATERIAL
	Beige/Green, Granular				
<b>305013-008</b>	03/08/19	8	Wisconsin		
Layer 1:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-009</b>	03/08/19	9	Wisconsin		
Layer 1:	Textured Material White, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>305013-010</b>	03/08/19	10	Wisconsin		
Layer 1:	Textured Material Beige, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>305013-011</b>	03/08/19	11	Wisconsin		
Layer 1:	Tile White, Hard			None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Mastic Tan, Brittle			None Detected	100% NON FIBROUS MATERIAL
<b>305013-012</b>	03/08/19	12	Wisconsin		
Layer 1:	Tile White, Hard			None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Hard Material Gray, Hard			None Detected	100% NON FIBROUS MATERIAL
<b>305013-013</b>	03/08/19	13	Wisconsin		
Layer 1:	Drywall White, Powdery			None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound White, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>305013-014</b>	03/08/19	14	Wisconsin		
Layer 1:	Drywall White, Powdery One Layer Found.			None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
<b>305013-015</b>	03/08/19	15	Wisconsin		
Layer 1:	Drywall White, Powdery			None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound White, Granular			None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-016</b>	03/08/19	16	Wisconsin		
Layer 1:	Flue Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
Layer 2:	Fibrous Material			60% CHRYSOTILE	20% CELLULOSE FIBER
	White, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>305013-017</b>	03/08/19	17	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>305013-018</b>	03/08/19	18	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>305013-019</b>	03/08/19	19	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>305013-020</b>	03/08/19	20	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
	One Layer Found.				
<b>305013-021</b>	03/08/19	21	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Skim Coat			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-022</b>	03/08/19	22	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-023</b>	03/08/19	23	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-024</b>	03/08/19	24	Wisconsin		
Layer 1:	Insulation			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>305013-025</b>	03/08/19	25	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black/Green, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-026</b>	03/08/19	26	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black/Green, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-027</b>	03/08/19	27	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black/Green, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-028</b>	03/08/19	28	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black/Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-029</b>	03/08/19	29	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
Layer 3:	Spongy Material			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Spongy				
<b>305013-030</b>	03/08/19	30	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
Layer 3:	Spongy Material			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Spongy				
<b>305013-031</b>	03/08/19	31	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
Layer 3:	Spongy Material			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Spongy				
<b>305013-032</b>	03/08/19	32	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-033</b>	03/08/19	33	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-034</b>	03/08/19	34	Wisconsin		
Layer 1:	Linoleum			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-035</b>	03/08/19	35	Wisconsin		
Layer 1:	Linoleum			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-036</b>	03/08/19	36	Wisconsin		
Layer 1:	Linoleum			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
<b>305013-037</b>	03/08/19	37	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>305013-038</b>	03/08/19	38	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-039</b>	03/08/19	39	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-040</b>	03/08/19	40	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Soft				
<b>305013-041</b>	03/08/19	41	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-042</b>	03/08/19	42	Wisconsin		
Layer 1:	Tile			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Beige, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>305013-043</b>	03/08/19	43	Wisconsin		
Layer 1:	Roofing			None Detected	5% CELLULOSE FIBER
	Black, Bituminous/Granular				5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305013-044	03/08/19	44	Wisconsin	None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Layer 1: Roofing Black, Bituminous/Granular					

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305013-045	03/08/19	45	Wisconsin	None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Layer 1: Roofing Black, Bituminous/Granular					

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

EPA Regulatory Limit: 1%

Total layers analyzed on order: 75

305013-03/18/19 05:31 PM



Analyst **Mohammed Hashim**



Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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305013

X 45



V:\305\305013

vthrasher 3/13/2019 9:38:13 AM  
 UPS 1Z2E2899846440933

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.2032				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	3/8/19		Paper						
2			↓						
3			↓						
4			Paper						
5			Glezing						
6			↓						
7			↓						
8			Texture						
9			↓						
10			↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 3/12/19 17:50

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabinc.com • info@slabinc.com

Submitting Co: Harenda Management Group		State of Collection: WI	Cert Required: <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #: 5065	Phone: (414) 647-1530
Milwaukee, WI 53204		Email: dean.jacobsen@kphenvironmental.com	
Project Name:		PO #:	
Project Location: Wisconsin	Special Instructions:		
Project Number: 19-400-037.2032			
Collected By:			

Turn/Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	3/8/19		Tile						
12			Tile						
13			Drywall						
14			↓						
15									
16			Floor pack						
17			of Gaster						
18			↓						
19									
20			↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 3/12/19/20

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<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmental.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.2032			
<b>Collected By</b>			

Turn Around Time**	Matrix	Tests/Analytes (Select All that Apply) - Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance.</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <hr/> <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	3/8/19		Plaster						
22			Insulation						
23			↓						
24			↓						
25			Tile						
26			↓						
27			↓						
28			Tile						
29			Tile						
30			↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Deane Jacobsen Signature: [Signature] Date/Time: 3/12/19 1200

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<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmental.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>	
<b>Project Number</b>	19-400-037.2032		
<b>Collected By</b>			

Turn Around Time**	Matrix	Tests/Analytes (select All that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            -Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
31	3/8/19		Tile						
32			Tile						
33			Linslem						
34			Linslem						
35			Linslem						
36			Linslem						
37			Tile						
38			Tile						
39			Tile						
40			Tile						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 3/12/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabin.com • info@slabin.com

<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmental.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.2032			
<b>Collected By</b>			

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
41	3/8/19		Tile						
42	↓		Tile						
43	↓		Roofing						
44	↓		↓						
45	↓		↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume In Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 3/12/19 10:22

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Analysis Report

# Schneider Laboratories Global, Inc

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**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	306163
-----------------	--------

**Received** 03/20/19  
**Analyzed** 03/20/19  
**Reported** 03/21/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.2032

**Method:** EPA 600/R-93/116 & 600/M4-82-020 with Point Count

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>306163-001</b>	03/08/19	41	Wisconsin		
Layer 1:	Tile			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
	Beige, Organically Bound, Homogenous				
<b>306163-002</b>	03/08/19	42	Wisconsin		
Layer 1:	Tile			0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
	Beige, Organically Bound, Homogenous				

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 2

306163-03/21/19 03:25 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). 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 government agency endorsement. The test results reported relate only to the samples submitted.



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306163

X 2



V:\306\306163

vthrasher 3/20/2019 9:22:41 AM  
 UPS 1Z2E2899846207489

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2032	Order #: 305013			
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		Asbestos in Air	Gravimetric	Miscellaneous	Sub-Contract
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
41	3/8/19		Beige Tile						
42	↓		↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 3/19/19 1700

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## **X. LEAD LABORATORY RESULTS**



Analysis Report

# Schneider Laboratories Global, Inc

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harena Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 305003

**Matrix** Paint  
**Received** 03/13/19  
**Analyzed** 03/13/19  
**Reported** 03/13/19

**Attn:**  
**Project:**  
**Location:** Wisconsin  
**Number:** 19-400-037.2032

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
305003-001	P1	Wall	03/08/19	332 mg			
Lead		EPA 7000B / 3050B		118 µg	0.0355 %	355 mg/kg	30.1 mg/kg

**Analyst: SA**  
305003-03/13/19 03:54 PM

Reviewed By: **Jennifer Lee**  
Metals Supervisor

**Federal Lead Paint Statute**

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. Concentration and \*Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

305003

0 1



V:\305\305003

vthrasher 3/13/2019 9:38:13 AM

UPS 1Z2E2899846440933

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenviromenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2032				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b> <input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<b>Metals Total</b> <input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
P1	3/8/19		Wall						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

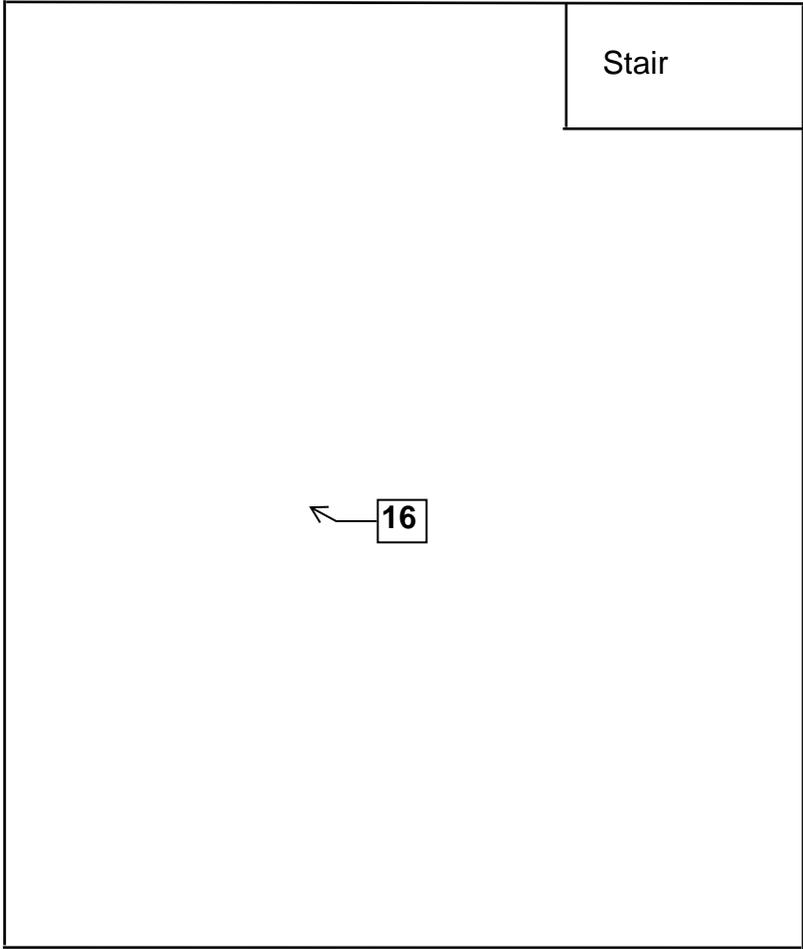
Relinquished By: Dean Jacobsen    Signature: [Signature]    Date/Time: 3/12/19 12:00

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **XI. FLOOR PLANS**

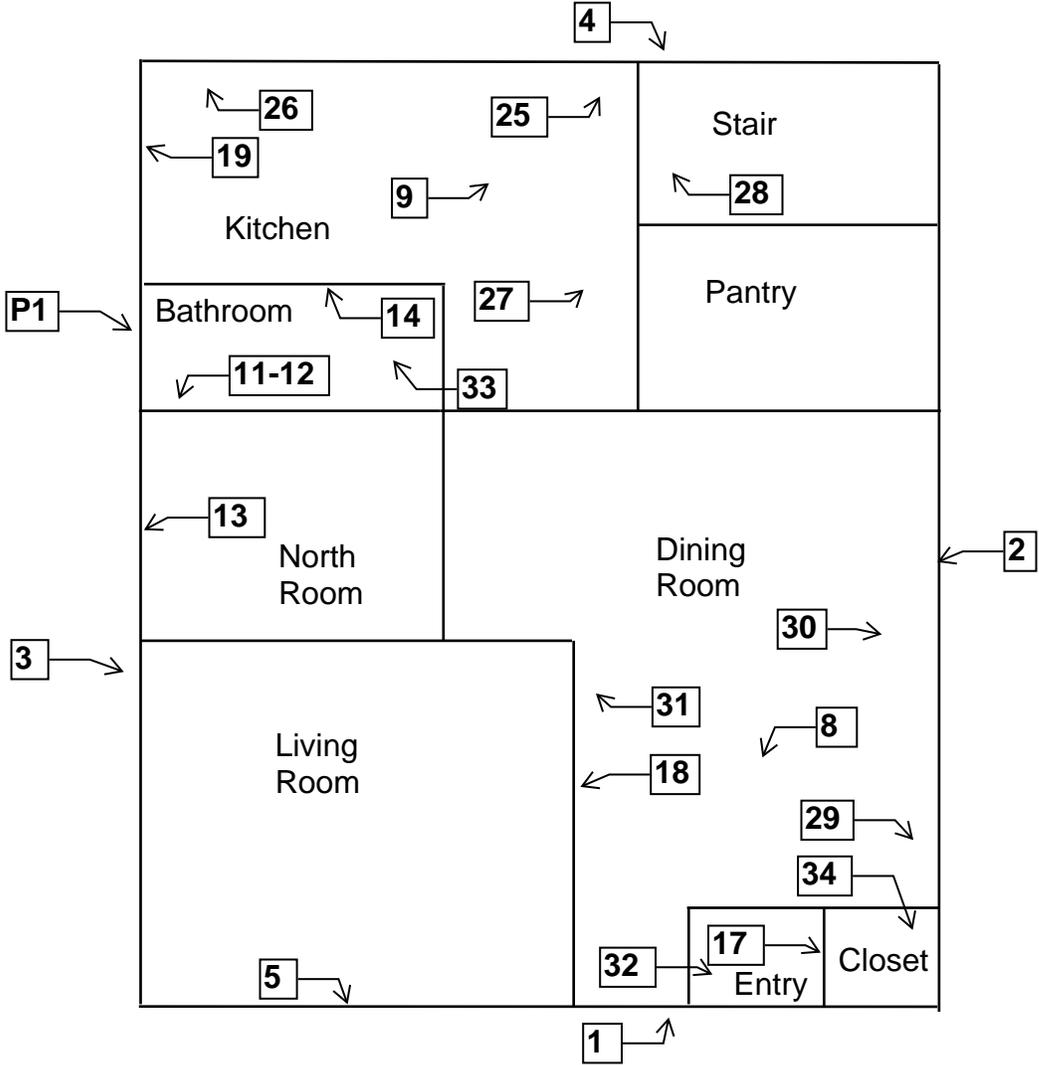
**One Family Dwelling  
2032 North 32nd Street  
Milwaukee, Wisconsin**

Basement Floor Plan



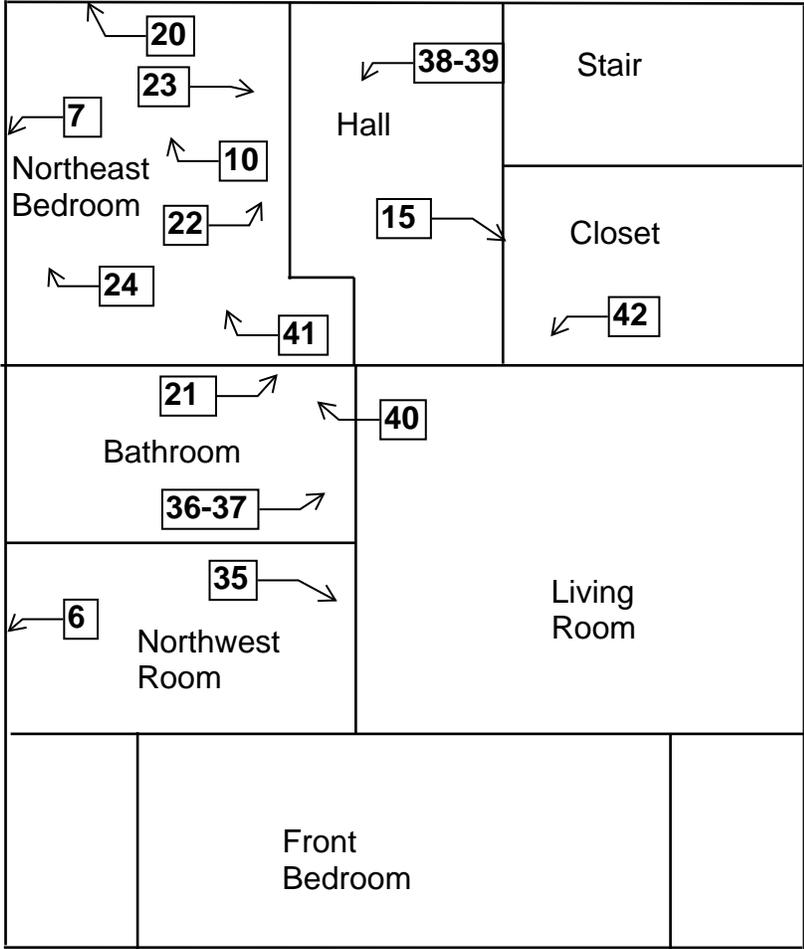
**One Family Dwelling  
2032 North 32nd Street  
Milwaukee, Wisconsin**

1st Floor Plan



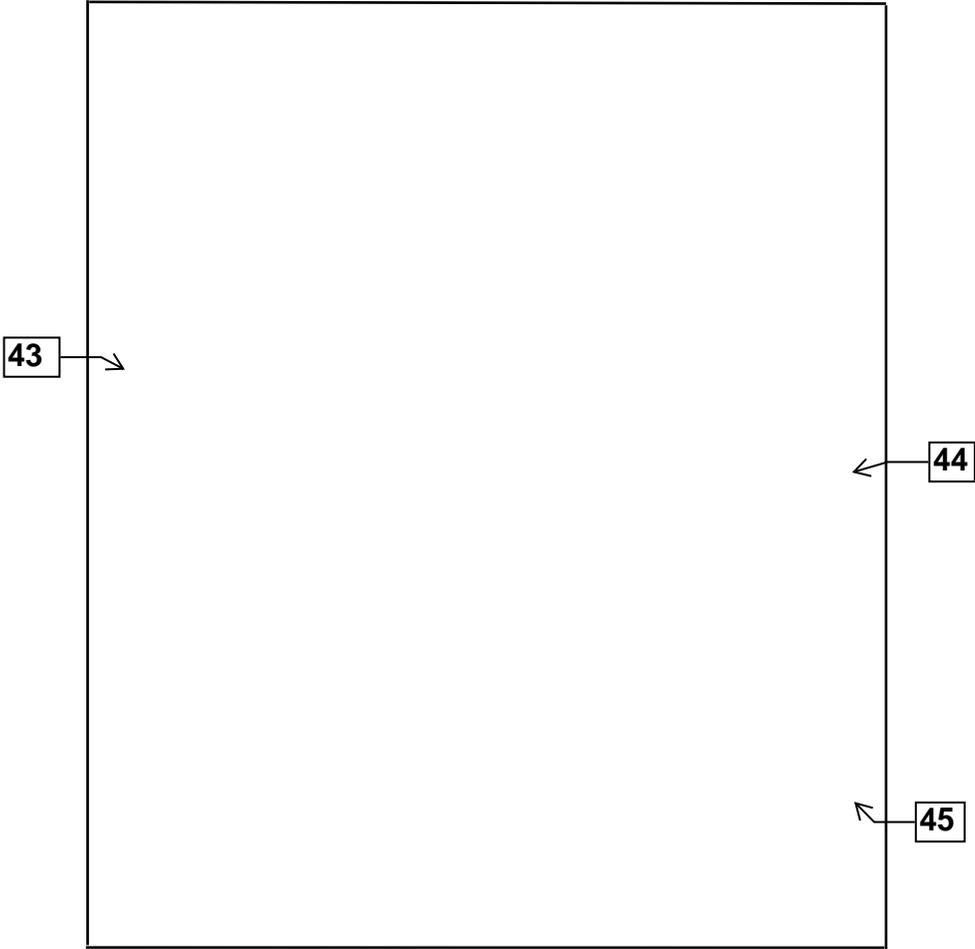
**One Family Dwelling  
2032 North 32nd Street  
Milwaukee, Wisconsin**

2nd Floor Plan



**One Family Dwelling  
2032 North 32nd Street  
Milwaukee, Wisconsin**

Roof Floor Plan



## **XII. 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: 06/23/2017  
Expiration Date: 08/31/2019, 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





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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are assuming professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 10/02/2019	214 lbs	5' 08"
		07/09/1971	

Training due by: 10/02/2019

**COPY**



**PRE-DEMOLITION INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
One Family Dwelling  
5105 North 55<sup>th</sup> Street  
Milwaukee, Wisconsin**

For:

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

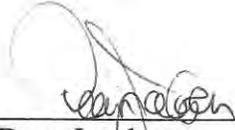
**HMG Report No.: 19-400-037.5105  
Inspector: Jazmin Spears  
Contract No.: 360-19-0975**

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**May 2019**

**Signature Page**  
Pre-Demolition Inspection Report  
One Family Dwelling  
5105 North 55<sup>th</sup> Street  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



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Jazmin Spears  
Asbestos Inspector No. AII – 111055  
Expiration Date: 8/10/19  
Harenda Management Group

May 22, 2019

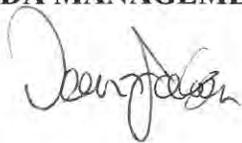
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report  
5105 North 55<sup>th</sup> Street  
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 5105 North 55<sup>th</sup> Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the one family dwelling and garage at 5105 North 55<sup>th</sup> Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was not detected above 1% in any material sampled during the inspection. Asbestos was detected at less than 1% in drywall/joint compound as verified by point counting. Asbestos was assumed to be in the asphalt roofing and floor tile/mastic. Results are in Section IV of this report.

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IV.	Asbestos Findings and Observations .....	2
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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling and garage at 5105 North 55<sup>th</sup> Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with wood walls and asphalt roofing. The garage has wood walls and asphalt roofing.

## II. ASEBSTOS INSPECTION

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 May 9, 2019, HMG conducted an asbestos inspection of a one family dwelling and garage, scheduled for mechanical demolition, located at 5105 North 55<sup>th</sup> Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these 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.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Fiberboard
- Drywall/joint compound
- Linoleum
- Blown in insulation
- Ceramic tile
- Caulk
- Plaster
- Window glazing compound
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

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

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

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	House Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
2	House Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
3	House Exterior – west wall under wood siding – black paper insulation	Negative	MPIk
4	House Exterior – east wall black paper insulation – fiberboard	Negative	MFB
5	House Exterior – south wall black paper insulation – fiberboard	Negative	MFB
6	House Exterior – west wall black paper insulation – fiberboard	Negative	MFB
7a	1 <sup>st</sup> floor – living room – south wall – drywall	Negative	MDW
7b	1 <sup>st</sup> floor – living room – south wall – joint compound	Positive 2% Chrysotile	MDW
7b	COMPOSITE POINT COUNT RESULT	Trace 0.5% Chrysotile	MDW
8a	1 <sup>st</sup> floor – kitchen – floor debris – drywall	Negative	MDW
8b	1 <sup>st</sup> floor – kitchen – floor debris – joint compound	Negative	MDW
9a	2 <sup>nd</sup> floor – hall – north wall – drywall	Negative	MDW
9b	2 <sup>nd</sup> floor – hall – north wall – joint compound	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
10a	1 <sup>st</sup> floor – living room top layer – orange and gray linoleum	Negative	MFLoy
10b	1 <sup>st</sup> floor – living room top layer – under orange and gray linoleum – black mastic	Negative	MFLoy
11a	1 <sup>st</sup> floor – living room 2 <sup>nd</sup> layer – tan and gray linoleum	Negative	MFLty
11b	1 <sup>st</sup> floor – living room top layer – under tan and gray linoleum – tan mastic	Negative	MFLty
12a	1 <sup>st</sup> floor – northeast bedroom closet – tan and brown linoleum	Negative	MFLtn
12b	1 <sup>st</sup> floor – northeast bedroom closet – under tan and brown linoleum – tan mastic	Negative	MFLtn
13	1 <sup>st</sup> floor – kitchen – in ceiling – blown in insulation	Negative	MBI
14	1 <sup>st</sup> floor – north room – in north wall – blown in insulation	Negative	MBI
15	1 <sup>st</sup> floor – bathroom – in north wall – blown in insulation	Negative	MBI
16a	1 <sup>st</sup> floor – kitchen – on west counter – white ceramic tile	Negative	MCTMw
16b	1 <sup>st</sup> floor – kitchen – on west counter – under white ceramic tile – tan mastic	Negative	MCTMw
17a	1 <sup>st</sup> floor – bathroom floor – brown ceramic tile	Negative	MCTMn
17b	1 <sup>st</sup> floor – bathroom floor – under brown ceramic tile – mortar	Negative	MCTMn
18a	1 <sup>st</sup> floor – bathroom at tub – tan ceramic tile	Negative	MCTMt
18b	1 <sup>st</sup> floor – bathroom at tub – under tan ceramic tile – mortar	Negative	MCTMt
19	1 <sup>st</sup> floor – bathroom on tub – tan caulk	Negative	MCLKt
20a	1 <sup>st</sup> floor – northwest room – south wall – plaster	Negative	SPI
20b	1 <sup>st</sup> floor – northwest room – south wall – joint compound layer	Negative	SPI
21a	1 <sup>st</sup> floor – northwest room – west wall – plaster	Negative	SPI
21b	1 <sup>st</sup> floor – northwest room – west wall – joint compound layer	Negative	SPI
22a	1 <sup>st</sup> floor – northwest room – north wall – plaster	Negative	SPI
22b	1 <sup>st</sup> floor – northwest room – north wall – joint compound layer	Negative	SPI
23a	1 <sup>st</sup> floor – stair landing floor – beige ceramic tile	Negative	MCTMe
23b	1 <sup>st</sup> floor – stair landing floor – grout	Negative	MCTMe
23c	1 <sup>st</sup> floor – stair landing floor – under beige ceramic tile – tan mastic	Negative	MCTMe
24a	2 <sup>nd</sup> floor – stair – on steps – green linoleum	Negative	MFLg
24b	2 <sup>nd</sup> floor – stair – on steps – under green linoleum – black mastic	Negative	MFLg
25	1 <sup>st</sup> floor – living room – on east window – glazing compound	Negative	MPG
26	1 <sup>st</sup> floor – southwest room – on west window – glazing compound	Negative	MPG
27	2 <sup>nd</sup> floor – stair – on west window – glazing compound	Negative	MPG

None of the materials sampled contain asbestos.

#### Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	House & Garage Roofs	1,200 SF	Poor
Floor Tile & Mastic	1 <sup>st</sup> Floor North Room/Northwest Room	200 SF	Poor

One (1) of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Condition
Drywall/Joint Compound	MDW	1 <sup>st</sup> & 2 <sup>nd</sup> Floor Rooms Walls & Ceilings	Fair

The drywall/joint compound contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM.

**Note #1:** Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials and were not friable. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

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

**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.

**Homogeneous Material Codes**

SPI	Plaster
MPIk	Black Paper Insulation
MFB	Fiberboard
MDW	Drywall/Joint Compound
MFLoy	Orange & Gray Linoleum
MFLty	Tan & Gray Linoleum
MFLtn	Tan & Brown Linoleum
MFLg	Green Linoleum
MBI	Blown in Insulation
MCTMw	White Ceramic Tile
MCTMn	Brown Ceramic Tile
MCTMt	Tan Ceramic Tile
MCTMe	Beige Ceramic Tile
MCLKt	Tan Caulk
MPG	Window Glazing Compound

**V. EXCLUSIONS**

**Attic not accessible due to fire damage. Basement flooded and not accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 inaccessible 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 Global, Inc., for our asbestos testing. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the preliminary asbestos specific site assessment. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that HMG be provided the opportunity to review such plans in order that the inspection and assessments contained herein are properly interpreted and implemented.

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

## **VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>2</u>	Fluorescent Lights – Garage
<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

<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

<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 where 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

- \* 2 Gallons Gasoline in Garage
- \* 18 Gallons Paint in Kitchen
- \* 1 Gas Meter on Exterior

## VIII. ASBESTOS LABORATORY RESULTS



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 315162

**Received** 05/13/19  
**Analyzed** 05/13/19  
**Reported** 05/16/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.5105

**Method:** EPA 600/R-93/116 & 600/M4-82-020

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>315162-001</b>	05/09/19	1	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-002</b>	05/09/19	2	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-003</b>	05/09/19	3	Wisconsin		
Layer 1:	Paper			None Detected	65% CELLULOSE FIBER
	Black, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-004</b>	05/09/19	4	Wisconsin		
Layer 1:	Fibrous Material			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-005</b>	05/09/19	5	Wisconsin		
Layer 1:	Fibrous Material			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-006</b>	05/09/19	6	Wisconsin		
Layer 1:	Fibrous Material			None Detected	65% CELLULOSE FIBER
	Beige, Fibrous				15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>315162-007</b>	05/09/19	7	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Off White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.5105

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>315162-008</b>	05/09/19	8	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>315162-009</b>	05/09/19	9	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
Layer 2:	Joint Compound			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>315162-010</b>	05/09/19	10	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Black, Soft				
<b>315162-011</b>	05/09/19	11	Wisconsin		
Layer 1:	Tile			None Detected	35% CELLULOSE FIBER
	Yellow/Green, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>315162-012</b>	05/09/19	12	Wisconsin		
Layer 1:	Tile			None Detected	35% CELLULOSE FIBER
	Beige/Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>315162-013</b>	05/09/19	13	Wisconsin		
Layer 1:	Insulation			None Detected	90% MINERAL/GLASS WOOL
	White, Fibrous				10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.5105

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>315162-014</b>	05/09/19	14	Wisconsin		
Layer 1:	Insulation			None Detected	90% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
	White, Fibrous				
<b>315162-015</b>	05/09/19	15	Wisconsin		
Layer 1:	Insulation			None Detected	90% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
	White, Fibrous				
<b>315162-016</b>	05/09/19	16	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>315162-017</b>	05/09/19	17	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Gray, Hard				
Layer 2:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
<b>315162-018</b>	05/09/19	18	Wisconsin		
Layer 1:	Tile			None Detected	100% NON FIBROUS MATERIAL
	Beige, Hard				
Layer 2:	Hard Material			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
<b>315162-019</b>	05/09/19	19	Wisconsin		
Layer 1:	Soft Material			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>315162-020</b>	05/09/19	20	Wisconsin		
Layer 1:	Plaster			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
Layer 2:	Textured Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.5105

**Method:** EPA 600/R-93/116 & 600/M4-82-020

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
315162-027	05/09/19	27	Wisconsin	None Detected	100% NON FIBROUS MATERIAL
Layer 1: Soft Material White/Beige, Soft					

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 42

315162-05/16/19 08:19 AM



Analyst **Mohammed Hashim**



Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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 www.slabinc.com • info@slabinc.com

315162

X 27



V: 315\315162

fghraizi  
 UPS

5/13/2019 9:37:01 AM  
 1Z2E2899846 1069004

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5105				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/>	<b>Asbestos in Bulk</b> <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep <b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Metals Total</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____ <b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>TCLP</b> <input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small> <b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Microbiology</b> <input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens <b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	5/9/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 5/10/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5105				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	5/19/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 5/10/19 12:20

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.5105				
Collected By					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21	5/9/19								
22	↓								
23									
24									
25									
26									
27									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 5/10/19 (10)

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Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 316575

**Received** 05/20/19  
**Analyzed** 05/21/19  
**Reported** 05/22/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.5105

**Method:** EPA 600/R-93/116 & 600/M4-82-020 with Point Count

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
316575-001	05/09/19	7	Wisconsin		
Layer 1: Drywall/Joint Cmpd White/Off White, Powdery/Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 1

316575-05/22/19 02:14 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**  
Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). 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 government agency endorsement. The test results reported relate only to the samples submitted.



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316575

S 1



V:316316575  
 vthrasher 5/20/2019 5:29:00 PM  
 Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order 315162 Composite Point Count			
Project Number	19-400-037.5105				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
		<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
		<input checked="" type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
		<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		<b>Sub-Contract</b>
		<input type="checkbox"/> Gravimetric Prep			<input type="checkbox"/> TEM Chatfield
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM AHERA
		<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM 7402
		<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> _____	<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification <small>(Employee, Bldg, Material, Type<sup>1</sup>)</small>	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
7	5/9/19								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

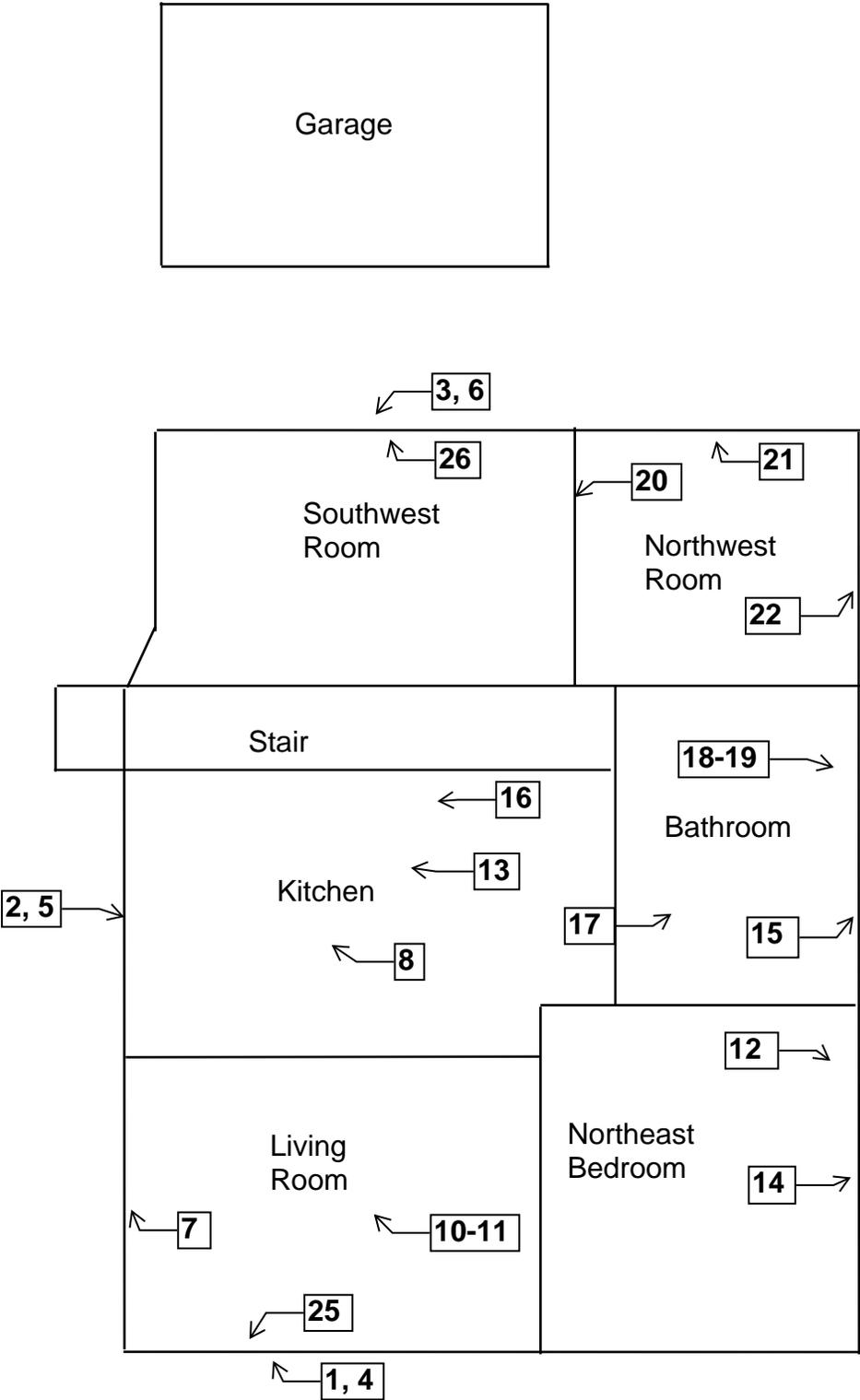
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 5/20/19 1530

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## **IX. FLOOR PLANS**

**One Family Dwelling  
5105 North 55th Street  
Milwaukee, Wisconsin**

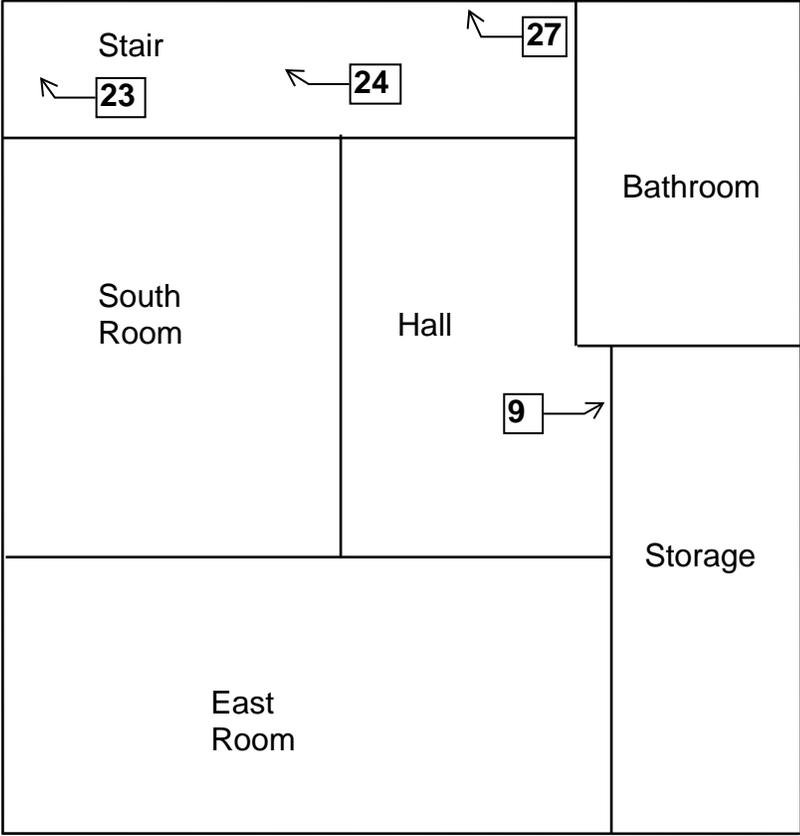
1st Floor Plan



**One Family Dwelling  
5105 North 55th Street  
Milwaukee, Wisconsin**



2nd Floor Plan



## **X. 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: 06/23/2017

Expiration Date: 08/31/2019, 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

Linda Seemeyer  
Secretary

August 27, 2018



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

JAZMIN K C SPEARS  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-111055

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you assume a professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Process  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**



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

Jazmin K C Spears  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-111055	Exp: 08/10/2019	198 lbs	5' 08"
		10/19/1974	

Training due by: 08/10/2019



## **DECONSTRUCTION INSPECTION REPORT**

**Job Site:**

**Fire Damaged  
One Family Dwelling  
1431 South Comstock Avenue  
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 19-400-037.1431  
Inspector: Cecil Trawick  
Contract No.: 360-19-0975**

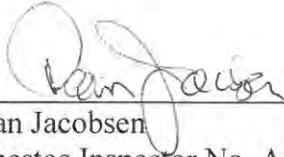
Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**April 2019**

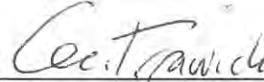
**Signature Page**

Deconstruction Inspection Report  
One Family Dwelling  
1431 South Comstock Avenue  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



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Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

April 17, 2019

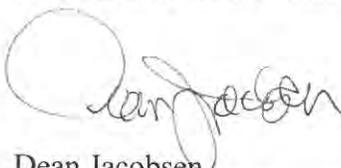
City of Milwaukee  
Department of Neighborhood Services  
Attn: Marge Piwaron  
841 North Broadway 1<sup>st</sup> Floor  
Milwaukee, Wisconsin 53202-3613

RE: Deconstruction Inspection Report  
819 West Madison Street  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1431 South Comstock Avenue, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 1431 South Comstock Avenue, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior and exterior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 1431 South Comstock Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt and wood walls with asphalt roofing.

## II. ASEBSTOS INSPECTION

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 April 4, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 1431 South Comstock Avenue, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Paper insulation
- Floor tile
- Caulk
- Ceramic tile
- Fiberboard
- Blown in insulation
- Flue packing
- Drywall
- Window glazing compound
- Plaster
- linoleum

- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall – red asphalt shingle siding	Negative	MSSr
2	Exterior – south wall – red asphalt shingle siding	Negative	MSSr
3	Exterior – west wall – red asphalt shingle siding	Negative	MSSr
4	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
5	Exterior – west wall under wood siding – black paper insulation	Negative	MPIk
6	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk
7	Exterior – east wall under wood siding – pink paper insulation	Negative	MPIp
8a	1 <sup>st</sup> floor – front entry – 12” tan and brown floor tile	Negative	MF12tn

Sample #	Location and Description	Results	Homogeneous Code
8b	1 <sup>st</sup> floor – front entry – under 12” tan and brown floor tile – clear mastic	Negative	MF12tn
9a	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – 12” black floor tile	Negative	MF12k
9b	1 <sup>st</sup> floor – kitchen 3 <sup>rd</sup> layer – under 12” black floor tile – clear mastic	Negative	MF12k
10a	1 <sup>st</sup> floor – kitchen – center top layer – 12” blue floor tile	Negative	MF12b
10b	1 <sup>st</sup> floor – kitchen – center top layer – under 12” blue floor tile – yellow mastic	Negative	MF12b
10c	1 <sup>st</sup> floor – kitchen – center 2 <sup>nd</sup> layer – 12” beige floor tile	Negative	MF12e
10d	1 <sup>st</sup> floor – kitchen – center 2 <sup>nd</sup> layer – under 12” beige floor tile – yellow mastic	Negative	MF12be
11a	1 <sup>st</sup> floor – dining room top layer – 12” blue floor tile	Negative	MF12b
11b	1 <sup>st</sup> floor – dining room top layer – under 12” blue floor tile – yellow mastic	Negative	MF12b
11c	1 <sup>st</sup> floor – dining room 2 <sup>nd</sup> layer – 12” beige floor tile	Negative	MF12e
11d	1 <sup>st</sup> floor – dining room 2 <sup>nd</sup> layer – under 12” beige floor tile – yellow mastic	Negative	MF12be
12a	1 <sup>st</sup> floor – kitchen – northeast top layer – 12” blue floor tile	Negative	MF12b
12b	1 <sup>st</sup> floor – kitchen – northeast top layer – under 12” blue floor tile – yellow mastic	Negative	MF12b
12c	1 <sup>st</sup> floor – kitchen – northeast 2 <sup>nd</sup> layer – 12” beige floor tile	Negative	MF12e
13	Exterior – around east window – white caulk	Negative	MCLKw
14	Exterior – around south window – white caulk	Negative	MCLKw
15	Exterior – around north window – white caulk	Negative	MCLKw
16a	1 <sup>st</sup> floor – bathroom floor top layer – yellow ceramic tile	Negative	MCTMI
16b	1 <sup>st</sup> floor – bathroom floor top layer – under yellow ceramic tile – mortar	Negative	MCTMI
17	1 <sup>st</sup> floor – bathroom floor bottom layer – fiberboard	Negative	MFB
18	2 <sup>nd</sup> floor – west room – east side on floor – blown in insulation	Negative	MBI
19	2 <sup>nd</sup> floor – west room – south side on floor – blown in insulation	Negative	MBI
20	2 <sup>nd</sup> floor – west room – west side on floor – blown in insulation	Negative	MBI
21	Basement – on chimney – flue packing	Negative	TFP
22	1 <sup>st</sup> floor – bathroom – north wall – drywall	Negative	MDW
23	1 <sup>st</sup> floor – west room – north wall – drywall	Negative	MDW
24	1 <sup>st</sup> floor – west room – north wall – drywall	Negative	MDW
25	1 <sup>st</sup> floor – living room – east window – glazing compound	Negative	MPG
26	1 <sup>st</sup> floor – dining room – south window – glazing compound	Negative	MPG
27	1 <sup>st</sup> floor – kitchen – north window – glazing compound	Negative	MPG
28	1 <sup>st</sup> floor – front entry – west wall – plaster	Negative	SPI
29	1 <sup>st</sup> floor – living room – north wall – plaster	Negative	SPI
30	1 <sup>st</sup> floor – south bedroom – south wall – plaster	Negative	SPI
31	1 <sup>st</sup> floor – dining room – west wall – plaster	Negative	SPI
32	1 <sup>st</sup> floor – kitchen – west wall – plaster	Negative	SPI
33	2 <sup>nd</sup> floor – hall – east wall – plaster	Negative	SPI
34	2 <sup>nd</sup> floor – east bedroom – west wall – plaster	Negative	SPI
35a	Basement – stair – beige linoleum	Negative	MFLe
35b	Basement – stair – under beige linoleum – yellow mastic	Negative	MFLe
36	Roof – southwest – red and black asphalt shingle	Negative	MRSrw
37	Roof – southeast – red and black asphalt shingle	Negative	MRSrw
38	Roof – northwest – red and black asphalt shingle	Negative	MRSrw

Sample #	Location and Description	Results	Homogeneous Code
39	Exterior – east wall – white asphalt shingle siding	Negative	MSSw
40	Exterior – south wall – white asphalt shingle siding	Negative	MSSw
41	Exterior – west wall – white asphalt shingle siding	Negative	MSSw

None of the materials sampled contain asbestos.

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	5 SF	Fair

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that this material be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

### Homogeneous Material Codes

SPl	Plaster
MSSr	Red Asphalt Shingle Siding
MSSw	White Asphalt Shingle Siding
MPIk	Black Paper Insulation
MPIp	Pink Paper Insulation
MF12tn	12” Tan & Brown Floor Tile
MF12k	12” Black Floor Tile
MF12b	12” Blue Floor Tile
MF12e	12” Beige Floor Tile
MCLKw	White Caulk
MCTMI	Yellow Ceramic Tile
MFB	Fiberboard
MBI	Blown in Insulation
MDW	Drywall
MFLr	Beige Linoleum
MRSrk	Red & Black Asphalt Shingle
TFP	Flue Packing

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be

disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 1431 South Comstock Avenue, Milwaukee, Wisconsin, took place on April 4, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### **B. Component Testing Results**

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

#### **Interior: 1431 South Comstock Avenue, Milwaukee, Wisconsin**

- **Painted block was observed on the interior basement walls. Lead based paint was not detected.**

#### **Exterior: 1431 South Comstock Avenue, Milwaukee, Wisconsin**

- **Painted block was observed on the exterior basement walls. Lead based paint was not detected.**

The following are the laboratory results.

**Site: 1431 South Comstock Avenue, Milwaukee, Wisconsin**

**Date: 4/4/19**

<b>Paint Testing Results</b>					
<b>Sample</b>	<b>Room</b>	<b>Component</b>	<b>Substrate</b>	<b>Color</b>	<b>Result (% Lead)</b>
P1	Exterior	North Wall	Block	Green	0.132
P2	Basement	North Wall	Block	White	0.0739

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29 CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,

- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**Basement floor covered with debris and only partially accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Schneider Laboratories Global, Inc., for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>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**

<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 Electrical 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 where 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

## **IX. ASBESTOS LABORATORY RESULTS**



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 309821

**Received** 04/10/19  
**Analyzed** 04/15/19  
**Reported** 04/15/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>309821-001</b>	04/04/19	1	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	Red/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>309821-002</b>	04/04/19	2	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	Red/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>309821-003</b>	04/04/19	3	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	Red/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>309821-004</b>	04/04/19	4	Wisconsin		
Layer 1:	Felt			None Detected	30% CELLULOSE FIBER
	Black, Bituminous/Fibrous				70% NON FIBROUS MATERIAL
<b>309821-005</b>	04/04/19	5	Wisconsin		
Layer 1:	Felt			None Detected	30% CELLULOSE FIBER
	Black, Bituminous/Fibrous				70% NON FIBROUS MATERIAL
<b>309821-006</b>	04/04/19	6	Wisconsin		
Layer 1:	Felt			None Detected	30% CELLULOSE FIBER
	Black, Bituminous/Fibrous				70% NON FIBROUS MATERIAL
<b>309821-007</b>	04/04/19	7	Wisconsin		
Layer 1:	Fibrous Material			None Detected	90% CELLULOSE FIBER
	Tan, Fibrous				10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>309821-008</b>	04/04/19	8	Wisconsin		
Layer 1:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Brown, Organically Bound				98% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Clear, Soft				98% NON FIBROUS MATERIAL
<b>309821-009</b>	04/04/19	9	Wisconsin		
Layer 1:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Brown/Gray, Organically Bound				98% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Clear, Soft				98% NON FIBROUS MATERIAL
<b>309821-010</b>	04/04/19	10	Wisconsin		
Layer 1:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Gray, Organically Bound				98% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Yellow, Soft				98% NON FIBROUS MATERIAL
Layer 3:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Light Beige, Organically Bound				98% NON FIBROUS MATERIAL
Layer 4:	Mastic			None Detected	2% CELLULOSE FIBER
	Yellow, Soft				98% NON FIBROUS MATERIAL
<b>309821-011</b>	04/04/19	11	Wisconsin		
Layer 1:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Gray, Organically Bound				98% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Yellow, Soft				98% NON FIBROUS MATERIAL
Layer 3:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Light Beige, Organically Bound				98% NON FIBROUS MATERIAL
Layer 4:	Mastic			None Detected	2% CELLULOSE FIBER
	Yellow, Soft				98% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>309821-012</b>	04/04/19	12	Wisconsin		
Layer 1:	Floor Tile			None Detected	2% CELLULOSE FIBER
	Brown, Organically Bound				98% NON FIBROUS MATERIAL
Layer 2:	Mastic			None Detected	2% CELLULOSE FIBER
	Clear/Yellow, Soft				98% NON FIBROUS MATERIAL
Layer 3:	Floor Tile			None Detected	30% CELLULOSE FIBER
	Light Brown, Org.Bound/Fibrous				65% NON FIBROUS MATERIAL
					5% SYNTHETIC FIBER
<b>309821-013</b>	04/04/19	13	Wisconsin		
Layer 1:	Soft Material			None Detected	2% CELLULOSE FIBER
	White, Soft				98% NON FIBROUS MATERIAL
<b>309821-014</b>	04/04/19	14	Wisconsin		
Layer 1:	Soft Material			None Detected	2% CELLULOSE FIBER
	White, Soft				98% NON FIBROUS MATERIAL
<b>309821-015</b>	04/04/19	15	Wisconsin		
Layer 1:	Soft Material			None Detected	2% CELLULOSE FIBER
	White, Soft				98% NON FIBROUS MATERIAL
<b>309821-016</b>	04/04/19	16	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	Light Beige, Hard				
Layer 2:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Gray, Granular				
<b>309821-017</b>	04/04/19	17	Wisconsin		
Layer 1:	Powdery Material			None Detected	20% CELLULOSE FIBER
	Off White, Powdery				80% NON FIBROUS MATERIAL
<b>309821-018</b>	04/04/19	18	Wisconsin		
Layer 1:	Insulation			None Detected	90% CELLULOSE FIBER
	Light Beige, Fibrous				10% NON FIBROUS MATERIAL
<b>309821-019</b>	04/04/19	19	Wisconsin		
Layer 1:	Insulation			None Detected	90% CELLULOSE FIBER
	Light Beige, Fibrous				10% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>309821-020</b>	04/04/19	20	Wisconsin		
Layer 1:	Insulation Light Beige, Fibrous			None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
<b>309821-021</b>	04/04/19	21	Wisconsin		
Layer 1:	Granular Material Gray, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>309821-022</b>	04/04/19	22	Wisconsin		
Layer 1:	Drywall White, Powdery			None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
<b>309821-023</b>	04/04/19	23	Wisconsin		
Layer 1:	Drywall White, Powdery			None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
<b>309821-024</b>	04/04/19	24	Wisconsin		
Layer 1:	Drywall White, Powdery			None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
<b>309821-025</b>	04/04/19	25	Wisconsin		
Layer 1:	Brittle Material White/Gray, Brittle			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>309821-026</b>	04/04/19	26	Wisconsin		
Layer 1:	Brittle Material White/Gray, Brittle			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>309821-027</b>	04/04/19	27	Wisconsin		
Layer 1:	Brittle Material White/Gray, Brittle			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>309821-028</b>	04/04/19	28	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>309821-029</b>	04/04/19	29	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL

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**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>309821-030</b>	04/04/19	30	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>309821-031</b>	04/04/19	31	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>309821-032</b>	04/04/19	32	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>309821-033</b>	04/04/19	33	Wisconsin		
Layer 1:	Granular Material Beige, Granular			None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
<b>309821-034</b>	04/04/19	34	Wisconsin		
Layer 1:	Granular Material Gray, Granular			None Detected	100% NON FIBROUS MATERIAL
<b>309821-035</b>	04/04/19	35	Wisconsin		
Layer 1:	Flooring Beige, Org.Bound/Fibrous			None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic Dark Yellow, Soft			None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
<b>309821-036</b>	04/04/19	36	Wisconsin		
Layer 1:	Shingle Multi-Colored, Granular/Bituminous			None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>309821-037</b>	04/04/19	37	Wisconsin		
Layer 1:	Shingle Multi-Colored, Granular/Bituminous			None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
<b>309821-038</b>	04/04/19	38	Wisconsin		
Layer 1:	Shingle Gray/Black, Granular/Bituminous			None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1431

**Method:** EPA 600/R-93/116 & 600/M4-82-020

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
309821-039	04/04/19	39	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	White/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

309821-040	04/04/19	40	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	White/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

309821-041	04/04/19	41	Wisconsin		
Layer 1:	Shingle			None Detected	15% CELLULOSE FIBER
	White/Black, Granular/Bituminous				85% NON FIBROUS MATERIAL

**Sample was inhomogenous, subsamples of each component were analyzed separately.**

EPA Regulatory Limit: 1%

Total layers analyzed on order: 53

309821-04/15/19 04:46 PM



Analyst **Dennis Cameron**



Reviewed By: **Hind Eldanaf**

Microscopy Supervisor

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert. Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenviromenmtal.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.1431			
<b>Collected By</b>			

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	4/4/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/9/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1431				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	4/9/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/9/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1431				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/9/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1431				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
31	4/9/19								
32									
33									
34									
35									
36									
37									
38									
39									
40									

**For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis**

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume In Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen    Signature: Dean Jacobsen    Date/Time: 4/9/19 1700

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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1431				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
41	4/1/19								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 4/9/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **X. LEAD LABORATORY RESULTS**



**Customer:** Harena Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 309785

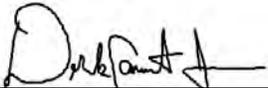
**Matrix** Paint  
**Received** 04/10/19  
**Analyzed** 04/11/19  
**Reported** 04/12/19

**Attn:**  
**Project:**  
**Location:** Wisconsin  
**Number:** 19-400-037.1431

**PO Number:**

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*
309785-001	P1		04/04/19	275 mg			
Lead		EPA 7000B / 3050B		363 µg	0.132 %	1320 mg/kg	36.4 mg/kg
309785-002	P2		04/04/19	300 mg			
Lead		EPA 7000B / 3050B		222 µg	0.0739 %	739 mg/kg	33.3 mg/kg

**Analyst: SA**  
309785-04/12/19 02:18 PM

  
Reviewed By: **Derek Jackson**  
Analyst

**Federal Lead Paint Statute**

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. Concentration and \*Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).



# SCHNEIDER LABORATORIES GLOBAL, INC.

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

309785

0 2



V:\309\309785

vthrasher 4/10/2019 10:00:42 AM

UPS 1Z2E2899846333733

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenviromenmtal.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1431				
<b>Collected By</b>					

Turn Around Time**	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input checked="" type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
p1	4/4/19								
p2	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min x flow in L/min]

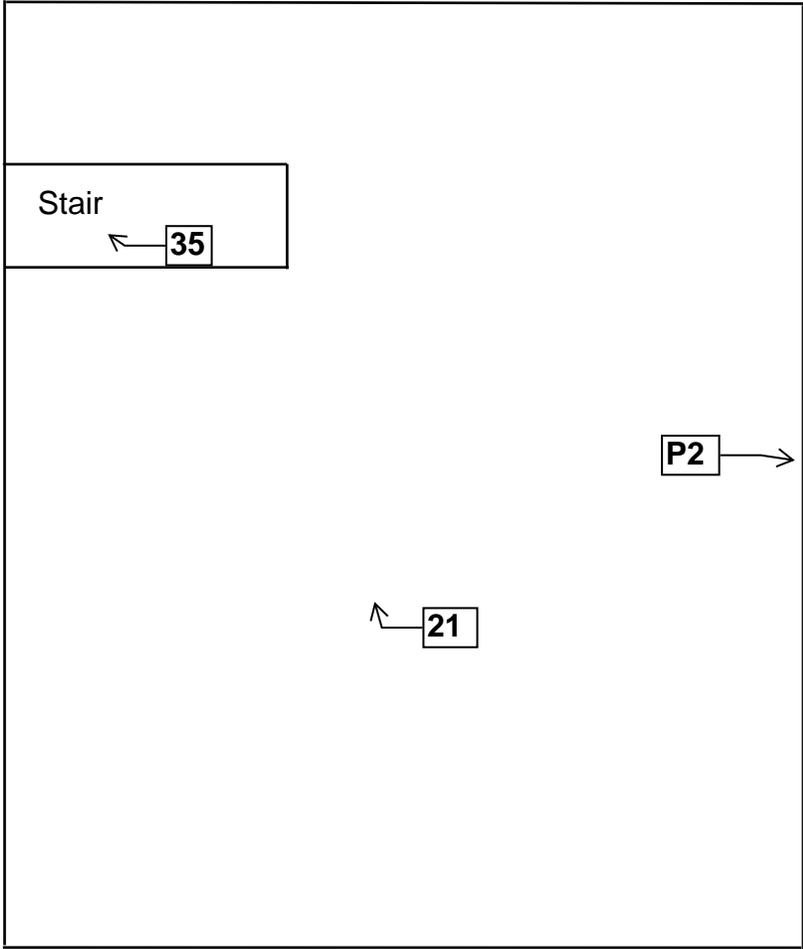
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time: 4/4/19 1700

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **XI. FLOOR PLANS**

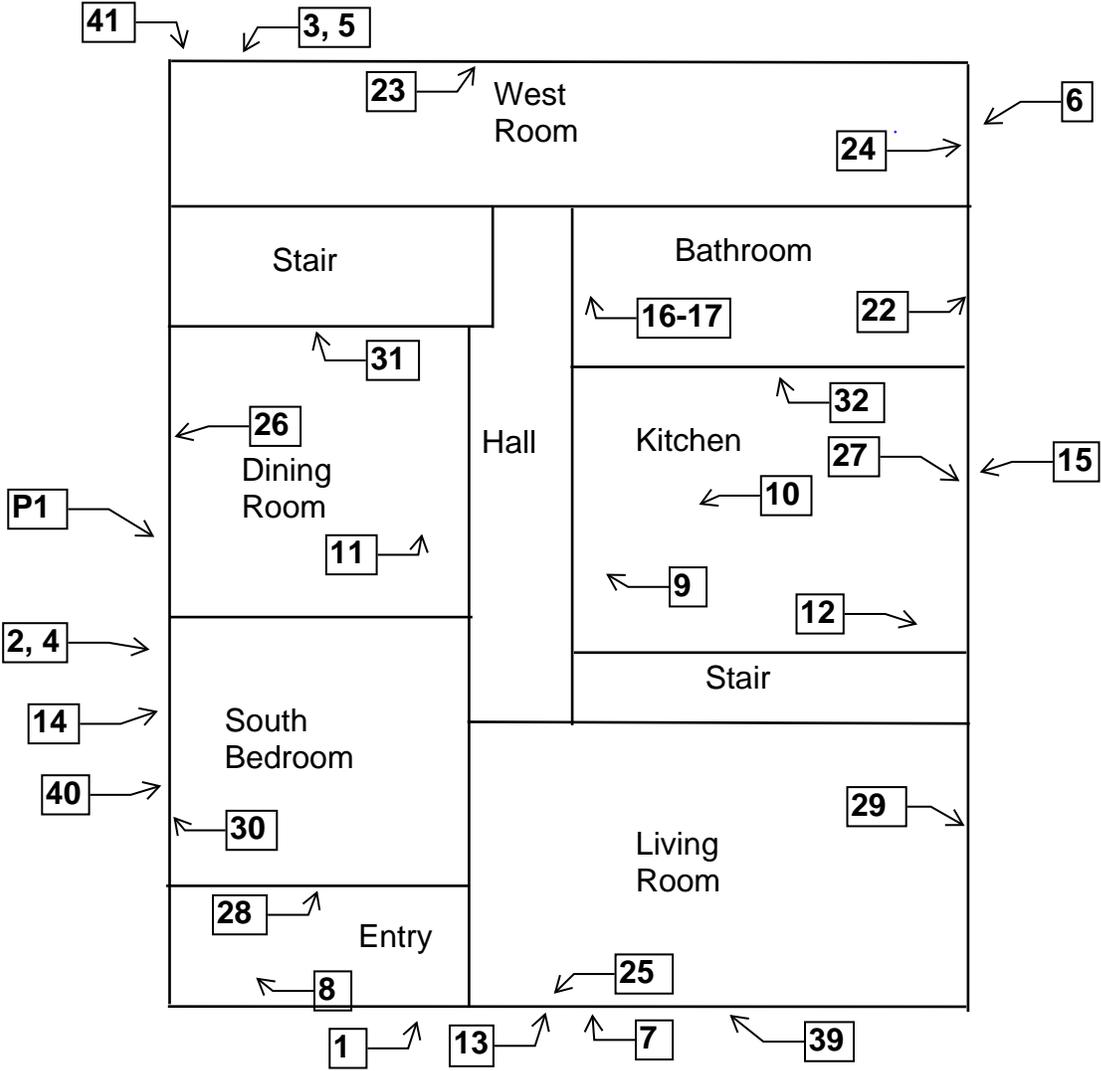
**One Family Dwelling  
1431 South Comstock Avenue  
Milwaukee, Wisconsin**

Basement Floor Plan



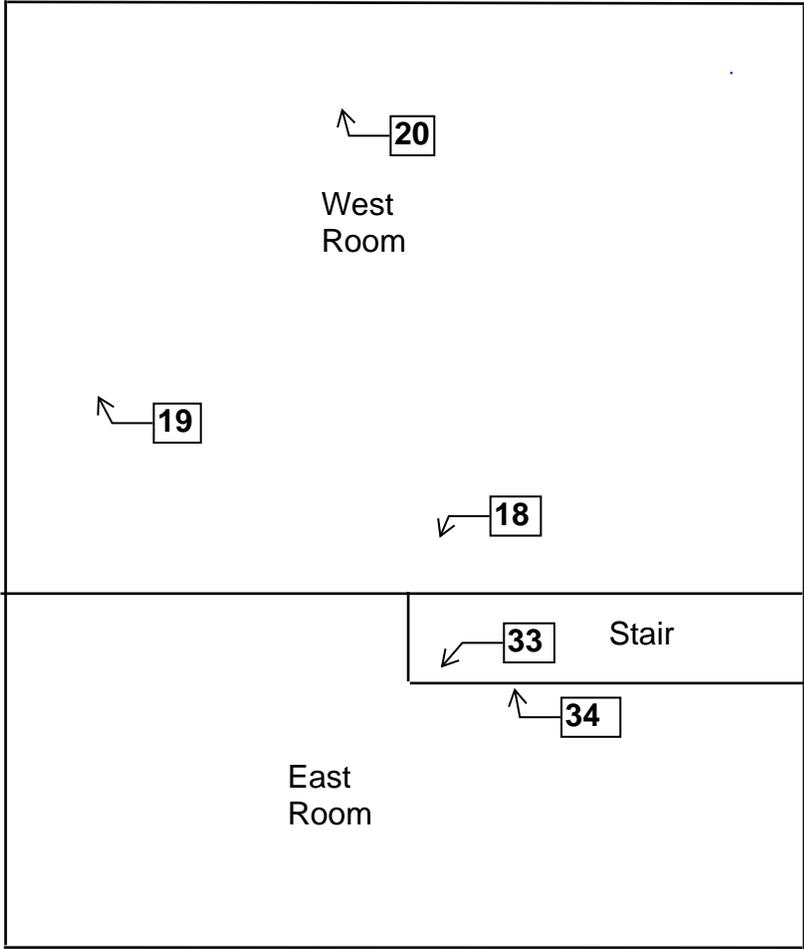
**One Family Dwelling**  
**1431 South Comstock Avenue**  
**Milwaukee, Wisconsin**

1st Floor Plan



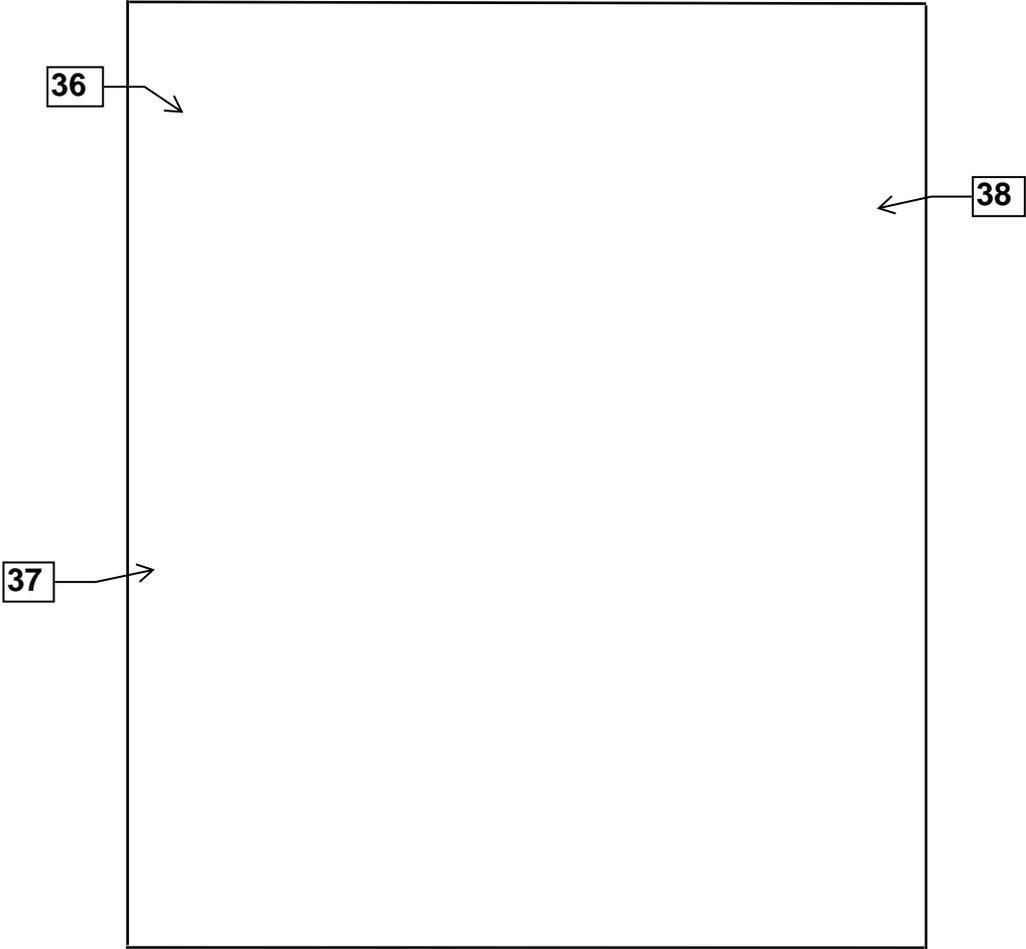
**One Family Dwelling  
1431 South Comstock Avenue  
Milwaukee, Wisconsin**

2nd Floor Plan



**One Family Dwelling  
1431 South Comstock Avenue  
Milwaukee, Wisconsin**

Roof Floor Plan



## **XII. 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: 06/23/2017  
Expiration Date: 08/31/2019, 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





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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are assuming professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 10/02/2019	214 lbs	5' 08"
		07/09/1971	

Training due by: 10/02/2019

DW  
on is



**DECONSTRUCTION INSPECTION REPORT**

**Job Site:**

**Two Family Dwelling  
2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place)  
Milwaukee, Wisconsin**

**For:**

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

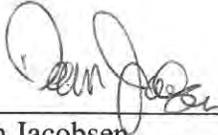
**HMG Report No.: 18-400-024.2432D  
Inspector: Cecil Trawick  
Contract No.: 360-18-0975**

**Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

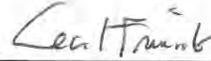
**November 2018**

**Signature Page**  
Deconstruction Inspection Report  
Two Family Dwelling  
2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place)  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group



---

Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

November 19, 2018

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

RE: Deconstruction Inspection Report  
2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place)  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was not detected in any material sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on the interior basement walls. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing. The garage has block walls and asphalt roofing.

## II. ASEBSTOS INSPECTION

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 October 8, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Blown in insulation
- Paper insulation
- Texture
- Caulk
- Drywall/Joint compound
- Glazing compound
- Fiberboard
- Ceiling tile
- Linoleum
- Floor tile
- Plaster

- Flue packing
- Asphalt roofing
- Roof flashing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – in west wall – blown in insulation	Negative	MBI
2	Exterior – in north wall – blown in insulation	Negative	MBI
3	Exterior – in east wall – blown in insulation	Negative	MBI
4	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
5	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
6	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
7	1 <sup>st</sup> floor – living room – on southeast ceiling – texture	Negative	STX
8	1 <sup>st</sup> floor – living room – on center ceiling – texture	Negative	STX
9	1 <sup>st</sup> floor – living room – on southwest ceiling – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
10	Exterior – on east window – white caulk	Negative	MCLKw
11	Exterior – on north window – white caulk	Negative	MCLKw
12	Exterior – on west window – white caulk	Negative	MCLKw
13a	1 <sup>st</sup> floor – west room – east wall – joint compound	Negative	MDW
13b	1 <sup>st</sup> floor – west room – east wall – joint compound layer 2	Negative	MDW
13c	1 <sup>st</sup> floor – west room – east wall – drywall	Negative	MDW
14a	1 <sup>st</sup> floor – bathroom – ceiling – joint compound	Negative	MDW
14b	1 <sup>st</sup> floor – bathroom – ceiling – joint compound layer 2	Negative	MDW
14c	1 <sup>st</sup> floor – bathroom – ceiling – drywall	Negative	MDW
15a	2 <sup>nd</sup> floor – southwest room – south wall – joint compound	Negative	MDW
15b	2 <sup>nd</sup> floor – southwest room – south wall – joint compound layer 2	Negative	MDW
15c	2 <sup>nd</sup> floor – southwest room – south wall – drywall	Negative	MDW
16	1 <sup>st</sup> floor – living room – on south window – glazing compound	Negative	MPG
17	2 <sup>nd</sup> floor – southwest room – on south window – glazing compound	Negative	MPG
18	Basement – on south window – glazing compound	Negative	MPG
19	1 <sup>st</sup> floor – kitchen – northeast ceiling – white fiberboard	Negative	MFBw
20	1 <sup>st</sup> floor – kitchen – center ceiling – white fiberboard	Negative	MFBw
21	1 <sup>st</sup> floor – kitchen – northwest ceiling – white fiberboard	Negative	MFBw
22a	Basement – on chimney – flue packing top layer	Negative	TFP
22b	Basement – on chimney – flue packing bottom layer	Negative	TFP
23	2 <sup>nd</sup> floor – east room – on ceiling above tile – tan fiberboard	Negative	MFBt
24	2 <sup>nd</sup> floor – east room – black ceiling tile	Negative	MSCTk
25	1 <sup>st</sup> floor – kitchen southeast – white linoleum	Negative	MFLw
26a	1 <sup>st</sup> floor – kitchen center – white linoleum	Negative	MFLw
26b	1 <sup>st</sup> floor – kitchen center – under white linoleum – brown mastic	Negative	MFLw
27	1 <sup>st</sup> floor – kitchen southwest – white linoleum	Negative	MFLw
28	1 <sup>st</sup> floor – southwest room – white and blue linoleum	Negative	MFLwb
29	1 <sup>st</sup> floor – room east side – white and blue linoleum	Negative	MFLwb
30	1 <sup>st</sup> floor – room north side – white and blue linoleum	Negative	MFLwb
31	1 <sup>st</sup> floor – south entry – tan linoleum	Negative	MFLt
32	1 <sup>st</sup> floor – west entry – 12” brown and tan floor tile	Negative	MF12nt
33	2 <sup>nd</sup> floor – east room top layer – brown linoleum	Negative	MFLn
34	2 <sup>nd</sup> floor – east room bottom layer – cream linoleum	Negative	MFLc
35a	2 <sup>nd</sup> floor – south room top layer – tan and black linoleum	Negative	MFLtk
35b	2 <sup>nd</sup> floor – south room top layer – under tan and black linoleum – yellow mastic	Negative	MFLtk
36	2 <sup>nd</sup> floor – south room 2 <sup>nd</sup> layer – yellow and white linoleum	Negative	MFLlw
37a	2 <sup>nd</sup> floor – south room 3 <sup>rd</sup> layer – yellow linoleum	Negative	MFLl
37b	2 <sup>nd</sup> floor – south room 3 <sup>rd</sup> layer – under yellow linoleum – brown mastic	Negative	MFLl
38	2 <sup>nd</sup> floor – southwest room – yellow linoleum	Negative	MFLl
39a	2 <sup>nd</sup> floor – bathroom – yellow linoleum	Negative	MFLl
39b	2 <sup>nd</sup> floor – bathroom – under yellow linoleum – yellow mastic	Negative	MFLl
40	1 <sup>st</sup> floor – bathroom top layer – 12” tan floor tile	Negative	MF12t
41a	1 <sup>st</sup> floor – bathroom bottom layer – 12” white floor tile	Negative	MF12w

Sample #	Location and Description	Results	Homogeneous Code
41b	1 <sup>st</sup> floor – bathroom bottom layer – under 12” white floor tile – yellow mastic	Negative	MF12w
42a	1 <sup>st</sup> floor – west entry – south wall – plaster skim coat	Negative	SPI
42b	1 <sup>st</sup> floor – west entry – south wall – plaster base coat	Negative	SPI
43a	1 <sup>st</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
43b	1 <sup>st</sup> floor – living room – north wall – plaster base coat	Negative	SPI
44a	1 <sup>st</sup> floor – kitchen – south wall – plaster skim coat	Negative	SPI
44b	1 <sup>st</sup> floor – kitchen – south wall – plaster base coat	Negative	SPI
45a	1 <sup>st</sup> floor – pantry – east wall – plaster skim coat	Negative	SPI
45b	1 <sup>st</sup> floor – pantry – east wall – plaster base coat	Negative	SPI
46a	1 <sup>st</sup> floor – south entry – west wall – plaster skim coat	Negative	SPI
46b	1 <sup>st</sup> floor – south entry – west wall – plaster base coat	Negative	SPI
47a	2 <sup>nd</sup> floor – stair – east wall – plaster skim coat	Negative	SPI
47b	2 <sup>nd</sup> floor – stair – east wall – plaster base coat	Negative	SPI
48a	2 <sup>nd</sup> floor – northwest room – west wall – plaster skim coat	Negative	SPI
48b	2 <sup>nd</sup> floor – northwest room – west wall – plaster base coat	Negative	SPI
49	Roof – south side top layer – red asphalt shingle	Negative	MRSr
50	Roof – south side top layer – red asphalt shingle	Negative	MRSr
51	Roof – north side top layer – red asphalt shingle	Negative	MRSr
52	Roof – south side 2 <sup>nd</sup> layer – orange asphalt shingle	Negative	MRSO
53	Roof – south side 2 <sup>nd</sup> layer – orange asphalt shingle	Negative	MRSO
54	Roof – north side 2 <sup>nd</sup> layer – orange asphalt shingle	Negative	MRSO

None of the materials sampled contain asbestos.

### Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	House Roof at Chimney	3 SF	Poor

The flashing was not accessible at the time of the inspection.

**Note #1:** The ACM listed above is a category I non friable asbestos containing material. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harendra Management Group recommends that the this material be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

### Homogeneous Material Codes

SPI	Plaster
STX	Texture
MBI	Blown in Insulation
MPIt	Tan Paper Insulation
MCLKw	White caulk
MDW	Drywall/Joint Compound
MPG	Window Glazing Compound
MFBw	White Fiberboard

### Homogeneous Material Codes

MFbt	Tan Fiberboard
MSCTk	Black Ceiling Tile
MFLw	White Linoleum
MFLwb	White & Blue Linoleum
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MFLc	Cream Linoleum
MFLtk	Tan & Black Linoleum
MFLlw	Yellow & White Linoleum
MFLl	Yellow Linoleum
MF12nt	12" Brown & Tan Floor Tile
MF12t	12" Tan Floor Tile
MF12w	12" White Floor Tile
MRSr	Red Asphalt Shingle
MRSn	Brown Asphalt Shingle
TFP	Flue Packing

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin, took place on October 8, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section X.

**Interior: 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin**

- Painted block were observed on the basement walls. Lead based paint was not detected.

**Exterior: 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin**

- Painted block was not observed on the exterior.

The following are the laboratory results.

**Site: 2432 West Garfield Avenue (2212 North 24<sup>th</sup> Place), Milwaukee, Wisconsin 10/8/18**

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	South Wall	Block	Yellow	0.00602

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**No access to attic space or to garage interior. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. 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.*

## VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>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**

<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 – 2 Breaker Panels 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 where 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

\* 2 Gas Meters in Basement

## **IX. ASBESTOS LABORATORY RESULTS**



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 300805	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/15/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/30/2018	Project: DNS
Analyzed By: Benjamin Hill	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
002	2	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
003	3	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
004	4	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009	9	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010	10	Homogeneous	Tan Caulk	Asbestos Not Present	Talc 5	CaCO3 Binder
011	11	Homogeneous	Tan Caulk	Asbestos Not Present	Talc 5	CaCO3 Binder
012	12	Homogeneous	Tan Caulk	Asbestos Not Present	Talc 5	CaCO3 Binder
013	13	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
013b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5 Gypsum
014	14	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
014b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5 Gypsum
015	15	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
016	16	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
017	17	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
018	18	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
019	19	Homogeneous	White Fiberboard	Asbestos Not Present	Cellulose 90	Paint
020	20	Homogeneous	White Fiberboard	Asbestos Not Present	Cellulose 90	Paint

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	White Fiberboard	Asbestos Not Present	Cellulose 90	Paint
022	22	Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Sand
022a		Layered	Dark Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
023	23	Homogeneous	Tan Fiberboard	Asbestos Not Present	Cellulose 90	Paint
024	24	Homogeneous	Black Ceiling Tile	Asbestos Not Present	Cellulose 85	Paint Tar
025	25	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber 10	CaCO3 Vinyl
026	26	Layered	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber 10	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
027	27	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber	10 CaCO3 Vinyl
028	28	Homogeneous	Blue Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl
029	29	Homogeneous	Blue Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl
030	30	Homogeneous	Blue Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl
031	31	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20 CaCO3 Vinyl

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032	32	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
033	33	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
034	34	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 25	CaCO3 Vinyl
035	35	Layered	Gray Sheet Vinyl	Asbestos Not Present	Glass Fiber 10	CaCO3 Vinyl
035a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
036	36	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
037	37	Layered	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
038	38	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
039	39	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
039a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040	40	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
041	41	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
041a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
042	42	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
042a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
043	43	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
043a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
044	44	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
044a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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Analyzed By: Benjamin Hill	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
045	45	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
045a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
046	46	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
046a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
047	47	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
047a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
048	48	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
048a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

*Benjamin Hill*

Benjamin Hill, Laboratory Technician

10/31/2018

Date of Report

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# 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. <u>30805</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
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: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.2212</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	<u>10/2/18 1700</u>	<u>Fed Ex</u>		<u>10-15-18 9:00</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	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<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

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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only	
Lab No. <u>310805</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Project Information		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

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"/>				



# ASBESTOS CHAIN OF CUSTODY

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For Lab Use Only	
Lab No. <u>262805</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Project Information						
Company: <b>Harenda Management Group</b>			Project Name: <b>DNS</b>		Project Location: <b>Milwaukee, WI</b>	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input checked="" type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
34	34	<input type="checkbox"/>				
35	35	<input type="checkbox"/>				
36	36	<input type="checkbox"/>				
37	37	<input type="checkbox"/>				
38	38	<input type="checkbox"/>				
39	39	<input type="checkbox"/>				
40	40	<input type="checkbox"/>				
41	41	<input type="checkbox"/>				
42	42	<input type="checkbox"/>				
43	43	<input type="checkbox"/>				
44	44	<input type="checkbox"/>				
45	45	<input type="checkbox"/>				
46	46	<input type="checkbox"/>				
47	47	<input type="checkbox"/>				
48	48	<input checked="" type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 301076	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/22/2018	1237 West Bruce St.
Received By: Taylor Van Syckle	Milwaukee, WI 53204
Date Analyzed: 10/25/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2212

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	49	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
002	50	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
003	51	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
004	52	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
005	53	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
006	54	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand

*Cassie Sanborn*

Cassie Sanborn, Analyst

10/25/2018

Date of Report

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

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

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

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For Lab Use Only	
Lab No.	301076
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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: 18-400-024.2212	
SAMPLED BY: Name:	Date:	P.O. Number:	

Report Results (☑ one box)	
<input checked="" type="checkbox"/>	Quantem Website
<input type="checkbox"/>	Other email _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	10/19/18 1200	Fed Ex		

### 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	<b>PCM</b>	<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)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	49	<input checked="" type="checkbox"/>				
2	50	<input type="checkbox"/>				
3	51	<input type="checkbox"/>				
4	52	<input type="checkbox"/>				
5	53	<input type="checkbox"/>				
6	54	<input checked="" type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

## **X. LEAD LABORATORY RESULTS**



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

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 300804  
**Date Received:** 10/15/18  
**Received By:** Katie Davis  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** TM  
**Date of Report:** 10/18/18

**Client:** Harenda Management Group  
Dean Jacobsen  
1237 West Bruce St.  
Milwaukee, WI 53204  
**Acct. No.:** B929  
**Project:** DNS  
**Location:** Milwaukee, WI  
**Project No.:** 18-400-024.2212

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.00602	0.005	%	10/18/18 10:30	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Travis Miller, Analyst

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

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

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

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

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

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



www.QuanTEM.com

# LEAD CHAIN OF CUSTODY

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## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>300504</u>	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>
Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> <b>QuanTEM Website</b>	Other <u>email</u>

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.2212</b>	

Sampled By: \_\_\_\_\_ Name: \_\_\_\_\_ Date: \_\_\_\_\_

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	12/12/18 1700	Fed Ex		10-15-18 9:50

### REQUESTED SERVICES (Please the Appropriate Boxes)

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

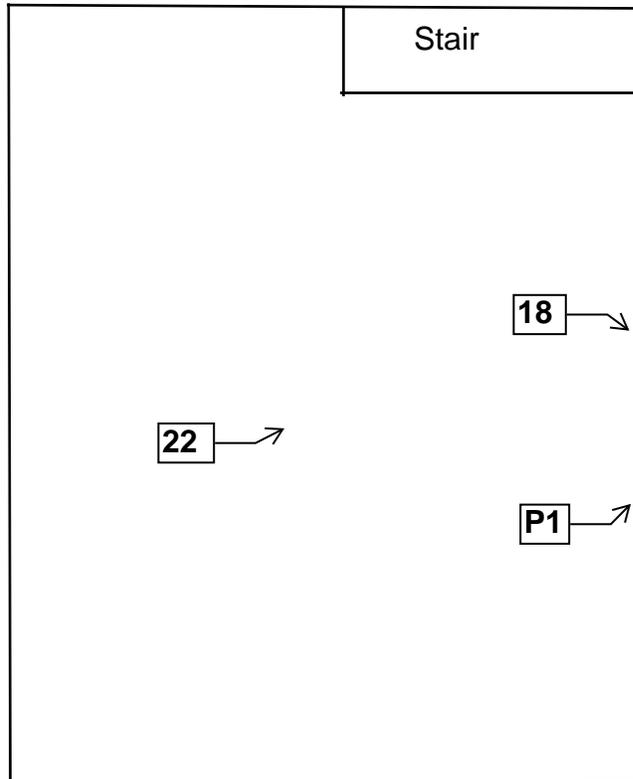
TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
<input checked="" type="checkbox"/>	5 - Day

## **XI. FLOOR PLANS**

**Two Family Dwelling  
2432 West Garfield Avenue  
(2212 North 24th Place)  
Milwaukee, Wisconsin**



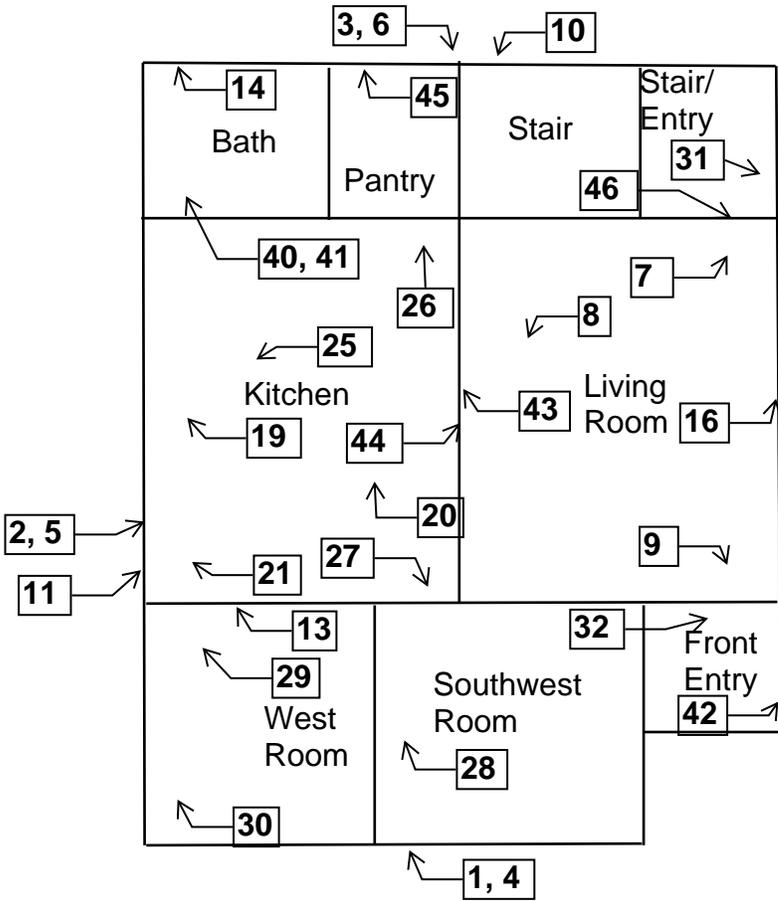
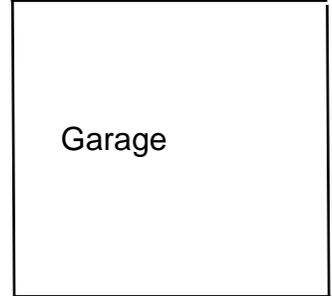
Basement Floor Plan



**Two Family Dwelling  
2432 West Garfield Avenue  
(2212 North 24th Place)  
Milwaukee, Wisconsin**



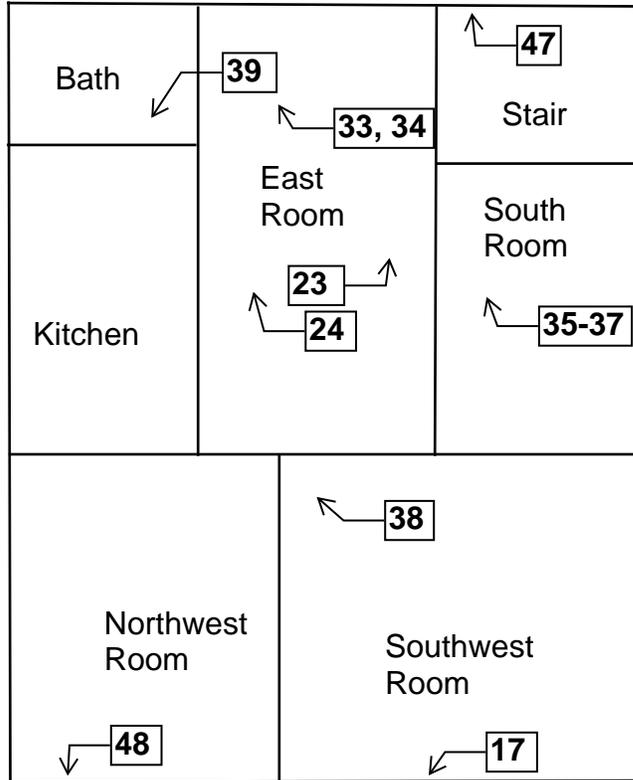
1st Floor Plan



**Two Family Dwelling  
2432 West Garfield Avenue  
(2212 North 24th Place)  
Milwaukee, Wisconsin**



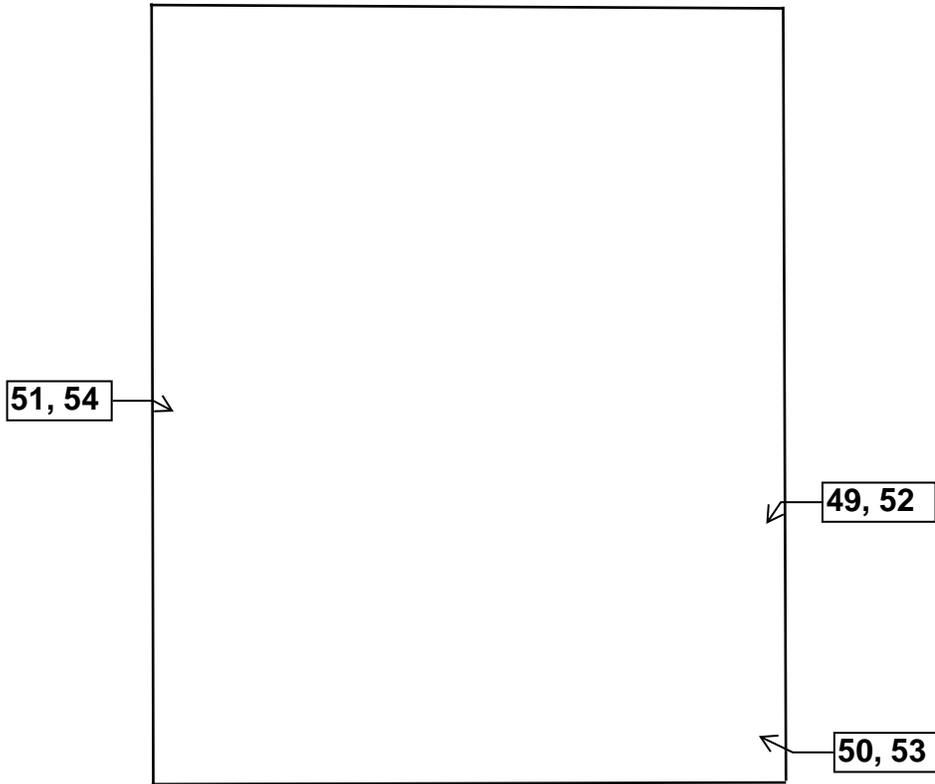
2nd Floor Plan



**Two Family Dwelling  
2432 West Garfield Avenue  
(2212 North 24th Place)  
Milwaukee, Wisconsin**



Roof Floor Plan



## **XII. 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: 06/23/2017

Expiration Date: 08/31/2019, 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



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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are exercising your professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

	214 lbs	5' 08"	
AII-104769	Exp: 10/02/2019	07/09/1971	

Training due by: 10/02/2019

**COPY**



**PRE-DEMOLITION INSPECTION REPORT**

**Job Site:**

**Mixed Use Building  
2432 West Garfield Avenue  
Milwaukee, Wisconsin**

For:

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

**HMG Report No.: 18-400-024.2432  
Inspector: Cecil Trawick  
Contract No.: 360-18-0975**

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

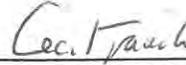
**November 2018**

**Signature Page**  
Pre-Demolition Inspection Report  
Mixed Use Building  
2432 West Garfield Avenue  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group



---

Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

November 2, 2018

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

RE: Pre-Demolition Inspection Report  
2432 West Garfield Avenue  
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection at 2432 West Garfield Avenue, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2432 West Garfield Avenue, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in aircell pipe insulation, flue packing, and 1<sup>st</sup> floor stair linoleum sampled during the inspection. Asbestos was assumed to be in the asphalt roofing and floor tile/mastic. Results are in Section IV of this report.

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V.	Exclusions .....	4
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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the mixed use building and garage at 2432 West Garfield Avenue, Milwaukee, Wisconsin. The building is a two story wood framed structure with basement. The building has aluminum and wood siding with asphalt roofing.

## II. ASEBSTOS INSPECTION

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 October 4, 2018, HMG conducted an asbestos inspection of a mixed use building and garage, scheduled for mechanical demolition, located at 2432 West Garfield Avenue, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Fiberboard
- Paper insulation
- Caulk
- Ceiling tile
- Drywall
- Aircell pipe insulation
- Window glazing compound
- Flue packing
- Linoleum
- Plaster
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

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

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

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
2	Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
3	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
4	Exterior – west wall under wood siding – paper insulation	Negative	MPI
5	Exterior – south wall under wood siding – paper insulation	Negative	MPI
6	Exterior – east wall under wood siding – paper insulation	Negative	MPI
7	Exterior – around south window – white caulk	Negative	MCLKw
8	Exterior – around west window – white caulk	Negative	MCLKw
9	Exterior – around north window – white caulk	Negative	MCLKw
10	1 <sup>st</sup> floor – bar east side – white ceiling tile	Negative	MSCTw
11	1 <sup>st</sup> floor – bar northwest – white ceiling tile	Negative	MSCTw
12	1 <sup>st</sup> floor – bar south side – white ceiling tile	Negative	MSCTw
13	1 <sup>st</sup> floor – bar – east wall – drywall	Negative	MDW
14	1 <sup>st</sup> floor – bar – northwest wall – drywall	Negative	MDW
15	1 <sup>st</sup> floor – bar – east wall – drywall	Negative	MDW
16	<b>Basement – west side - &lt;5” diameter aircell pipe insulation</b>	<b>Positive 60% Chrysotile</b>	<b>TA5</b>
17	<b>Basement – east side - &lt;5” diameter aircell pipe insulation</b>	<b>Positive 60% Chrysotile</b>	<b>TA5</b>

Sample #	Location and Description	Results	Homogeneous Code
18	Basement – north side - <5” diameter aircell pipe insulation	Positive 60% Chrysotile	TA5
19	2 <sup>nd</sup> floor – west room – on west window – glazing compound	Negative	MPG
20	2 <sup>nd</sup> floor – kitchen – on west window – glazing compound	Negative	MPG
21	2 <sup>nd</sup> floor – southeast bedroom – east window – glazing compound	Negative	MPG
22	Basement – on chimney – flue packing	Positive 60% Chrysotile	TFP
23	1 <sup>st</sup> floor – front stair landing – top layer – multicolored linoleum	Positive 20% Chrysotile	MFLm
24a	1 <sup>st</sup> floor – front stair landing – bottom layer – tan linoleum	Negative	MFLt
24b	1 <sup>st</sup> floor – front stair landing – bottom layer – under tan linoleum – yellow mastic	Negative	MFLt
25a	2 <sup>nd</sup> floor – kitchen top layer – white linoleum	Negative	MFLw
25b	2 <sup>nd</sup> floor – kitchen top layer – under white linoleum – yellow mastic	Negative	MFLw
25c	2 <sup>nd</sup> floor – kitchen 2 <sup>nd</sup> layer – 12” blue floor tile	Positive 3% Chrysotile	MF12b
25d	2 <sup>nd</sup> floor – kitchen 2 <sup>nd</sup> layer – under 12” blue floor tile – yellow/black mastic	Negative	MF12b
26a	1 <sup>st</sup> floor – front entry – east wall – plaster skim coat	Negative	SPI
26b	1 <sup>st</sup> floor – front entry – east wall – plaster base coat	Negative	SPI
27a	1 <sup>st</sup> floor – bar – west wall – plaster skim coat	Negative	SPI
27b	1 <sup>st</sup> floor – bar – west wall – plaster base coat	Negative	SPI
28a	1 <sup>st</sup> floor – middle room – west wall – plaster skim coat	Negative	SPI
28b	1 <sup>st</sup> floor – middle room – west wall – plaster base coat	Negative	SPI
29a	1 <sup>st</sup> floor – bathroom – north wall – plaster skim coat	Negative	SPI
29b	1 <sup>st</sup> floor – bathroom – north wall – plaster base coat	Negative	SPI
30a	2 <sup>nd</sup> floor – bathroom – east wall – plaster skim coat	Negative	SPI
30b	2 <sup>nd</sup> floor – bathroom – east wall – plaster base coat	Negative	SPI
31a	2 <sup>nd</sup> floor – pantry – north wall – plaster skim coat	Negative	SPI
31b	2 <sup>nd</sup> floor – pantry – north wall – plaster base coat	Negative	SPI
32a	2 <sup>nd</sup> floor – kitchen – north wall – plaster skim coat	Negative	SPI
32b	2 <sup>nd</sup> floor – kitchen – north wall – plaster base coat	Negative	SPI
33a	2 <sup>nd</sup> floor – bathroom – green linoleum	Negative	MFLg
33b	2 <sup>nd</sup> floor – bathroom – under green linoleum – brown mastic	Negative	MFLg

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
<5” Diameter Aircell Pipe Insulation	TA5	Basement Basement Floor Contaminated	370 LF 400 SF	Poor
Flue Packing	TFP	Basement on Chimney	3 SF	Poor
Multicolored Linoleum	MFLm	1 <sup>st</sup> Floor Front Stair Landing Top Layer	30 SF	Fair

**Assumed Category I Non-Friable Asbestos Containing Material:**

<b>Material</b>	<b>Location</b>	<b>Approximate Quantity</b>	<b>Condition</b>
Floor Tile & Mastic	1 <sup>st</sup> Floor-All Rooms 2 <sup>nd</sup> Floor-Hall/Bathroom	1,400 SF 100 SF	Good
Asphalt Shingles & Roof Flashing	Building Roof s	2,500 SF	Good

**Note #1:** The aircell, flue packing, and multicolored linoleum are friable asbestos containing materials. Under NR 447 of the Wisconsin Administrative Code they are defined as regulated asbestos containing materials (RACM) or are likely to become RACM during demolition. NR 447.08 requires the building owner or operator to remove all RACM from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to demolition.

Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials, are not in poor condition, and are not friable. Under NR 447 they need not be removed before demolition if the demolition debris will be disposed at a Wisconsin licensed landfill.

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

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

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

**Note#5:** Additional aircell may be within walls and ceilings.

**Homogeneous Material Codes**

SP1	Plaster
MFB	Fiberboard
MPI	Paper Insulation
MCLKw	White Caulk
MSCTw	White Ceiling Tile
MDW	Drywall
MPG	Glazing Compound
MFLm	Multicolored Linoleum
MFLt	Tan Linoleum
MFLw	White Linoleum
TA5	<5” Diameter Aircell Pipe Insulation
TFP	Flue Packing

**V. EXCLUSIONS**

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

## VI. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. 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>1</u>	Air Conditioners (roof top, <b>room</b> , and central) – Bar
<u>N/A</u>	Dehumidifiers
<u>N/A</u>	Heat Pumps
<u>N/A</u>	Refrigerators, Freezers, Chillers
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

### **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>12</u>	Fluorescent Lights – Bar
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### **HVAC**

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

### **HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS**

<u>1</u>	Old Thermostats – 2 <sup>nd</sup> Floor Dining Room
<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**

<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>2</u>	Space Heaters – Shed, Basement

## **ELECTRICAL SYSTEMS – 3 Breaker Boxes 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

\* 6 Gallons Paint in Basement

## VIII. ASBESTOS LABORATORY RESULTS



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 300802	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/15/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/25/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2432

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 90	Tar
002	2	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 90	Tar
003	3	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 90	Tar
004	4	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 95	Binder
005	5	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 95	Binder
006	6	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 95	Binder
007	7	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3

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

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2432

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30 Perlite Paint
011	11	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30 Perlite Paint
012	12	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30 Perlite Paint
013	13	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	15 5 Gypsum

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2432

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Gypsum 5
015	15	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Gypsum 5
016	16	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
017	17	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
018	18	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
019	19	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
020	20	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
022	22	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
023	23	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
024	24	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	CaCO3 Vinyl
024a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
025	25	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	CaCO3 Vinyl

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
025b		Layered	Blue Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
025c		Layered	Yellow/Black Mastic	Asbestos Not Present	NA	Glue Tar
026	26	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
027a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.2432

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
028a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
029	29	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
029a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
030	30	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
030a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
031a		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
032	32	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
032a		Layered	Tan Plaster	Asbestos Not Present	NA	CaCO3 Sand
033	33	Layered	Blue Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
033a		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
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*Cassie Sanborn*

Cassie Sanborn, Analyst

10/25/2018

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>3W802</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: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.2432</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	<u>10/2/18 1700</u>	<u>FedEx</u>	<i>[Signature]</i>	<u>10-15-18 9:50</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 type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day					

No.	Sample ID (10 Characters Max)	<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 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>30802</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

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



# ASBESTOS CHAIN OF CUSTODY

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>30802</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information		
Company: <u>Harenda Management Group</u>	Project Name: <u>DNS</u>	Project Location: <u>Milwaukee, WI</u>

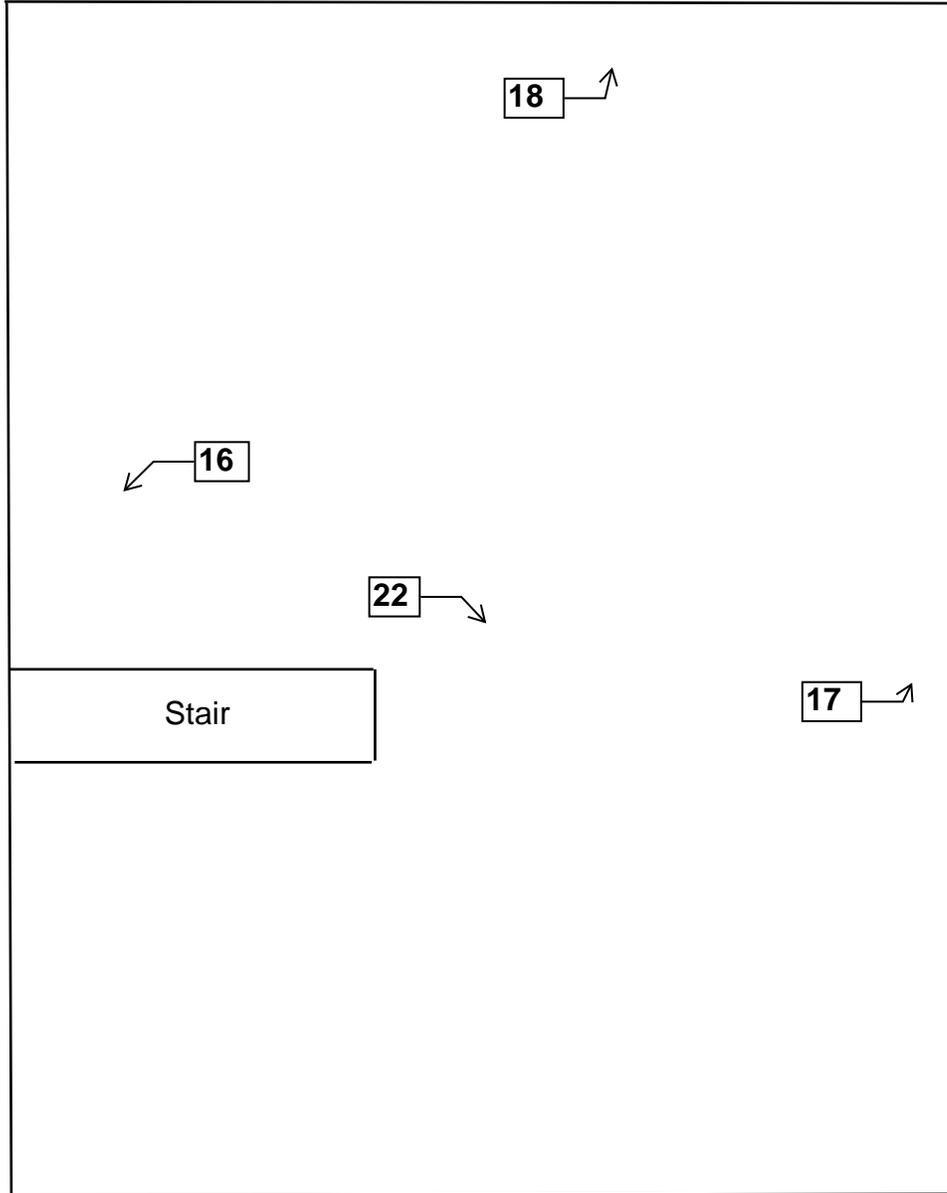
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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32	<u>32</u>	<input checked="" type="checkbox"/>				
33	<u>33</u>	<input checked="" type="checkbox"/>				
34		<input type="checkbox"/>				
35		<input type="checkbox"/>				
36		<input type="checkbox"/>				
37		<input type="checkbox"/>				
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40		<input type="checkbox"/>				
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43		<input type="checkbox"/>				
44		<input type="checkbox"/>				
45		<input type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				

## **IX. FLOOR PLANS**

**Mixed Use Building  
2432 West Garfield Avenue  
Milwaukee, Wisconsin**



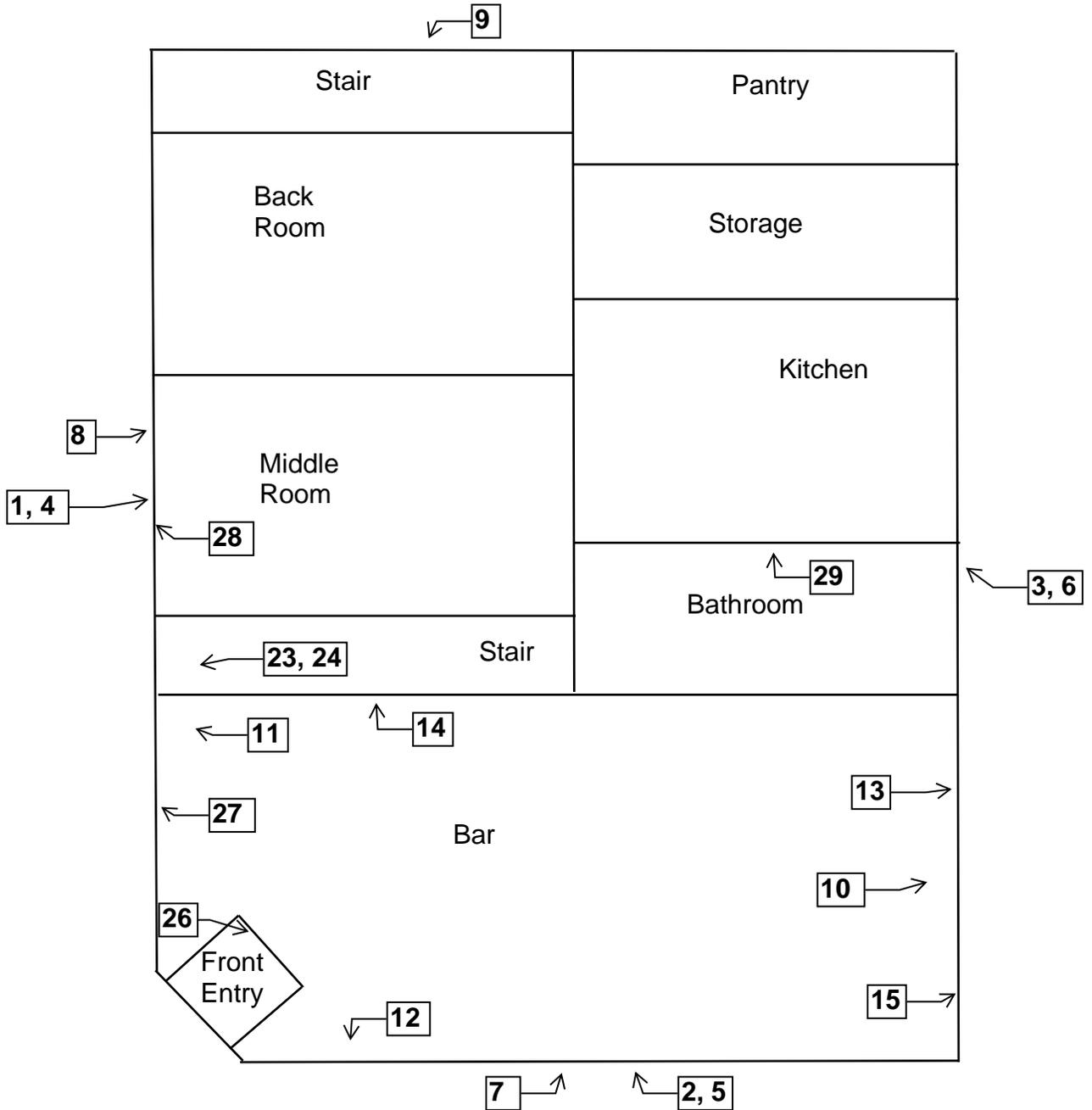
Basement Floor Plan



Mixed Use Building  
2432 West Garfield Avenue  
Milwaukee, Wisconsin



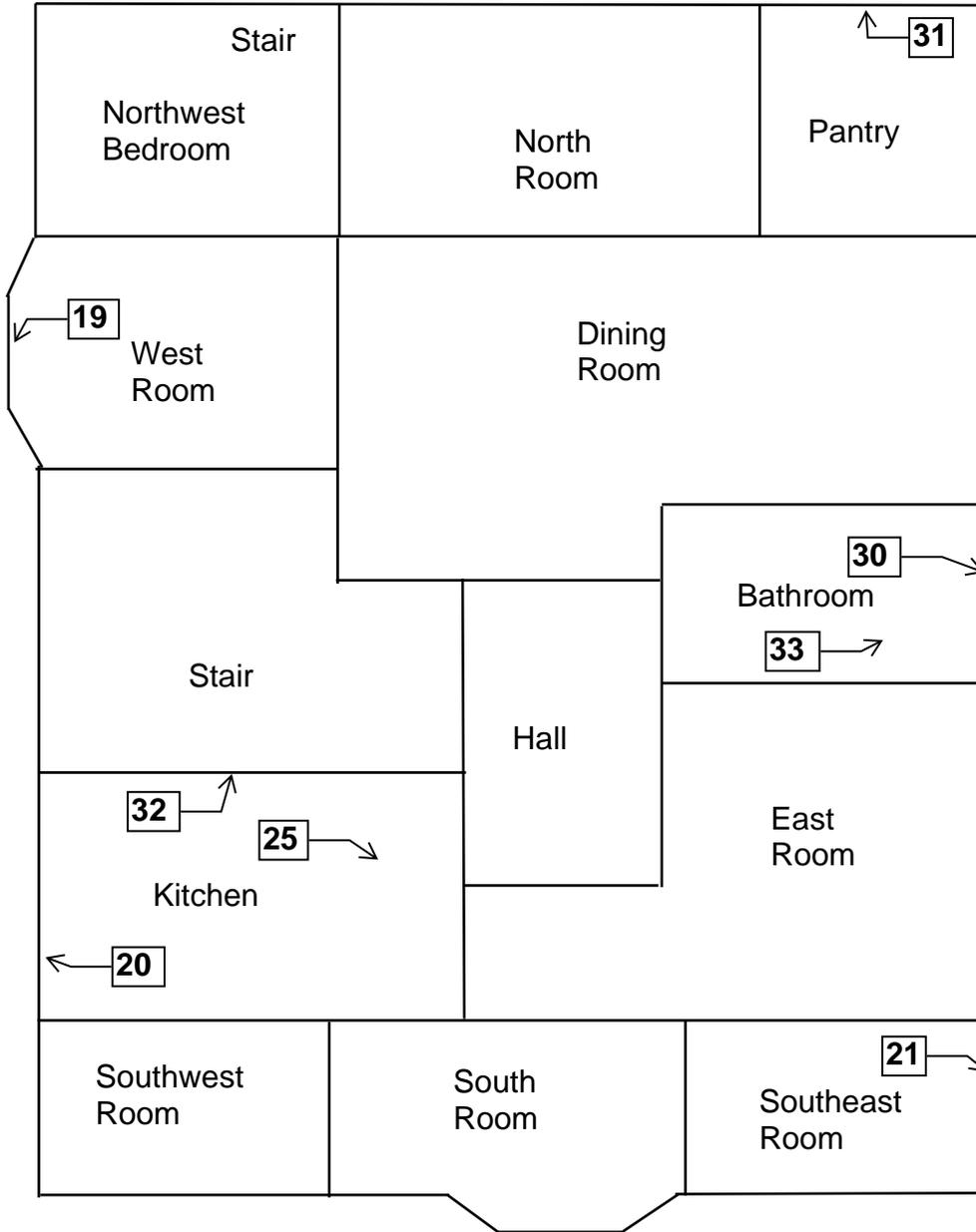
1st Floor Plan



**Mixed Use Building  
2432 West Garfield Avenue  
Milwaukee, Wisconsin**



2nd Floor Plan



## **X. 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: 06/23/2017

Expiration Date: 08/31/2019, 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



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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are exercising your professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 10/02/2019	214 lbs	5' 08"
		07/09/1971	

Training due by: 10/02/2019

**COPY**



**PRE-DEMOLITION INSPECTION REPORT**

**Job Site:**

**Mixed Use Building  
1901 West Grant Street  
Milwaukee, Wisconsin**

**For:**

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

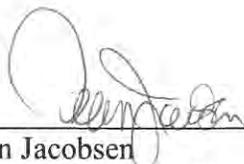
**HMG Report No.: 19-400-037.1901  
Inspector: Cecil Trawick  
Contract No.: 360-19-0975**

**Prepared by:**

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**July 2019**

**Signature Page**  
Pre-Demolition Inspection Report  
Mixed Use Building  
1901 West Grant Street  
Milwaukee, Wisconsin



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Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/19  
Harenda Management Group



---

Cecil Trawick  
Asbestos Inspector No. AII – 104769  
Expiration Date: 10/2/19  
Harenda Management Group

July 31, 2019

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

RE: Pre-Demolition Inspection Report  
1901 West Grant Street  
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the mixed use building at 1901 West Grant Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the mixed use building at 1901 West Grant Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in aircell pipe insulation and fittings sampled during the inspection. Asbestos was detected below 1% in 3<sup>rd</sup> floor flue packing. Asbestos was assumed to be in the asphalt roofing. Results are in Section IV of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the mixed use building at 1901 West Grant Street, Milwaukee, Wisconsin. The building is a three story wood framed structure with brick and vinyl walls and asphalt roofing.

## II. ASEBSTOS INSPECTION

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 30, 2019, HMG conducted an asbestos inspection of a mixed use building, scheduled for mechanical demolition, located at 1901 West Grant Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Linoleum
- Ceiling tile
- Drywall
- Window glazing compound
- Ceramic tile
- Flue packing
- Plaster
- Aircell pipe insulation
- Pipe insulation fittings
- Caulk
- Tar
- Floor tile
- Asphalt roofing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS LABORATORY

#### A. METHOD OF ANALYSIS

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

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

### IV. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1a	2 <sup>nd</sup> floor – east stair – yellow linoleum	Negative	MFL1
1b	2 <sup>nd</sup> floor – east stair – under yellow linoleum – tan mastic	Negative	MFL1
2	2 <sup>nd</sup> floor – north kitchen – 1’ x 1’ ceiling tile	Negative	MSCT11
3	2 <sup>nd</sup> floor – hall near east stair – west wall – drywall	Negative	MDW
4	2 <sup>nd</sup> floor – southeast room – north wall – drywall	Negative	MDW
5	2 <sup>nd</sup> floor – east hall – ceiling – drywall	Negative	MDW
6a	2 <sup>nd</sup> floor – north kitchen – south side 3 <sup>rd</sup> layer – on white and black linoleum – yellow mastic	Negative	MFLwk
6b	2 <sup>nd</sup> floor – north kitchen – south side 3 <sup>rd</sup> layer – white and black linoleum	Negative	MFLwk
6c	2 <sup>nd</sup> floor – north kitchen – south side 3 <sup>rd</sup> layer – under white and black linoleum – brown mastic	Negative	MFLwk
7a	2 <sup>nd</sup> floor – north kitchen – north side 3 <sup>rd</sup> layer – on white and black linoleum – yellow mastic	Negative	MFLwk
7b	2 <sup>nd</sup> floor – north kitchen – north side 3 <sup>rd</sup> layer – white and black linoleum	Negative	MFLwk
7c	2 <sup>nd</sup> floor – north kitchen – north side 3 <sup>rd</sup> layer – under white and black linoleum – brown mastic	Negative	MFLwk

Sample #	Location and Description	Results	Homogeneous Code
8a	2 <sup>nd</sup> floor – north kitchen – east side 3 <sup>rd</sup> layer – on white and black linoleum – yellow mastic	Negative	MFLwk
8b	2 <sup>nd</sup> floor – north kitchen – east side 3 <sup>rd</sup> layer – white and black linoleum	Negative	MFLwk
8c	2 <sup>nd</sup> floor – north kitchen – east side 3 <sup>rd</sup> layer – under white and black linoleum – brown mastic	Negative	MFLwk
9	2 <sup>nd</sup> floor – south kitchen – on north window – glazing compound	Negative	MPG
10	2 <sup>nd</sup> floor – south kitchen – on west window – glazing compound	Negative	MPG
11a	3 <sup>rd</sup> floor – kitchen – on west wall – white ceramic tile	Negative	MCTMw
11b	3 <sup>rd</sup> floor – kitchen – on west wall – under white ceramic tile – tan mastic	Negative	MCTMw
12a	3 <sup>rd</sup> floor – kitchen – south side 2 <sup>nd</sup> layer – tan linoleum	Negative	MFLt
12b	3 <sup>rd</sup> floor – kitchen – south side 2 <sup>nd</sup> layer – under tan linoleum – tan mastic	Negative	MFLt
13a	3 <sup>rd</sup> floor – kitchen – north side 2 <sup>nd</sup> layer – tan linoleum	Negative	MFLt
13b	3 <sup>rd</sup> floor – kitchen – north side 2 <sup>nd</sup> layer – under tan linoleum – tan mastic	Negative	MFLt
14a	3 <sup>rd</sup> floor – kitchen – east side 2 <sup>nd</sup> layer – tan linoleum	Negative	MFLt
14b	3 <sup>rd</sup> floor – kitchen – east side 2 <sup>nd</sup> layer – under tan linoleum – tan mastic	Negative	MFLt
15a	3 <sup>rd</sup> floor – bathroom – on east wall – white and black ceramic tile	Negative	MCTMwk
15b	3 <sup>rd</sup> floor – bathroom – on east wall – under white and black ceramic tile – tan mastic	Negative	MCTMwk
17a	3 <sup>rd</sup> floor – bathroom – north side 2 <sup>nd</sup> layer – yellow and tan linoleum	Negative	MFLt
17b	3 <sup>rd</sup> floor – bathroom – north side 2 <sup>nd</sup> layer – under yellow and tan linoleum – tan mastic	Negative	MFLt
18a	3 <sup>rd</sup> floor – bathroom – south side 2 <sup>nd</sup> layer – yellow and tan linoleum	Negative	MFLt
18b	3 <sup>rd</sup> floor – bathroom – south side 2 <sup>nd</sup> layer – under yellow and tan linoleum – tan mastic	Negative	MFLt
19a	3 <sup>rd</sup> floor – bathroom – east side 2 <sup>nd</sup> layer – yellow and tan linoleum	Negative	MFLt
19b	3 <sup>rd</sup> floor – bathroom – east side 2 <sup>nd</sup> layer – under yellow and tan linoleum – tan mastic	Negative	MFLt
20a	3 <sup>rd</sup> floor – southeast living room – on chimney – gray flue packing top layer	Negative	TFPy
20b	3 <sup>rd</sup> floor – southeast living room – on chimney – gray flue packing bottom layer	Positive 2% Chrysotile	TFPy
20b	POINT COUNT RESULT	Trace 0.5% Chrysotile	TFPy
21	2 <sup>nd</sup> floor – northeast bedroom – 1' x 1' ceiling tile	Negative	MSCT11
22	1 <sup>st</sup> floor – north room – 1' x 1' ceiling tile	Negative	MSCT11
23	3 <sup>rd</sup> floor – kitchen – on chimney – dark gray flue packing	Negative	TFPydark
24	1 <sup>st</sup> floor – east entry – south wall – plaster	Negative	SPI
25	1 <sup>st</sup> floor – north room – west wall – plaster	Negative	SPI
26	2 <sup>nd</sup> floor – east stair – north wall – plaster	Negative	SPI
27a	2 <sup>nd</sup> floor – east hall – west wall – plaster base coat	Negative	SPI
27b	2 <sup>nd</sup> floor – east hall – west wall – plaster skim coat	Negative	SPI
28	2 <sup>nd</sup> floor – south kitchen – south wall – plaster	Negative	SPI

Sample #	Location and Description	Results	Homogeneous Code
29	2 <sup>nd</sup> floor – southeast bedroom – north wall – plaster	Negative	SPI
30	3 <sup>rd</sup> floor – south bedroom – east wall – plaster	Negative	SPI
31	Basement – north side – <5” diameter pipe insulation fitting	Positive 60% Chrysotile	TF5
32	Basement – north side – <5” diameter aircell pipe insulation	Positive 60% Chrysotile	TA5
33	Basement – center – <5” diameter aircell pipe insulation	Positive 60% Chrysotile	TA5
34	Basement – south side – <5” diameter aircell pipe insulation	Positive 60% Chrysotile	TA5
35	3 <sup>rd</sup> floor – northeast bedroom – on east window – glazing compound	Negative	MPG
36	Exterior – around north door – beige caulk	Negative	MCLKe
37a	Exterior – on north wall – black tar	Negative	MTar
37b	Exterior – on north wall – tan mastic	Negative	MWMt

Two (2) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
<5” Diameter Pipe Insulation Fitting	TF5	Basement	5 Fittings	Friable
<5” Diameter Aircell Pipe Insulation	TA5	Basement	50 LF	Friable

One (1) of the materials sampled contains less than 1% asbestos and is not an ACM.

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Gray Flue Packing Bottom Layer	TFPy	3 <sup>rd</sup> Floor Southeast Living Room on Chimney	1 SF	Friable

#### Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Roof	1,200 SF	Category I Non-Friable
Floor Tile & Mastic	1 <sup>st</sup> Floor All Rooms, 2 <sup>nd</sup> Floor All Rooms, 3 <sup>rd</sup> Floor All Rooms	3,800 SF	Category I Non-Friable

**Note #1:** The aircell pipe insulation and fittings are friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that the aircell pipe insulation and fittings be abated prior to demolition.

**Note #2:** Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials and were not friable. Under NR 447 they do not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

**Note#3:** Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

**Note#4:** If additional materials are discovered during demolition that are not listed above they are to be assumed to be asbestos containing.

**Note#5:** A copy of this report should be transmitted to the demolition contractor.

**Note#6:** Additional aircell and fittings may be within walls and ceilings.

**Homogeneous Material Codes**

SPI	Plaster
MFLI	Yellow Linoleum
MFLwk	White & Black Linoleum
MFLt	Tan Linoleum
MFLlt	Yellow & Tan Linoleum
MSCT11	1' x 1' Ceiling Tile
MDW	Drywall
MPG	Window Glazing Compound
MCTMwk	White & Black Ceramic Tile
MCTMw	White Ceramic Tile
MCLKe	Beige Caulk
MTar	Tar
MWMt	Tan Wall Mastic
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TF5	<5" Diameter Pipe Insulation Fitting
TA5	<5" Diameter Aircell Pipe Insulation

**V. EXCLUSIONS**

**Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 inaccessible 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 Global, Inc., for our asbestos testing. 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>1</u>	Refrigerators, <b>Freezers</b> , Chillers – Basement
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>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

<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

<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 where 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

\* 4 Gas Meters & 30 Gallons Paint in Basement

## VIII. ASBESTOS LABORATORY RESULTS



**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

<b>Order #:</b>	327698
-----------------	--------

**Received** 07/24/19  
**Analyzed** 07/26/19  
**Reported** 07/29/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

### PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-001</b>	07/19/19	1	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige/Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-002</b>	07/19/19	2	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Tan, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>327698-003</b>	07/19/19	3	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
<b>327698-004</b>	07/19/19	4	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL
<b>327698-005</b>	07/19/19	5	Wisconsin		
Layer 1:	Drywall			None Detected	5% CELLULOSE FIBER
	White, Powdery				95% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-006</b>	07/19/19	6	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Soft				
Layer 2:	Flooring			None Detected	35% CELLULOSE FIBER
	Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
<b>327698-007</b>	07/19/19	7	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Soft				
Layer 2:	Flooring			None Detected	35% CELLULOSE FIBER
	Brown, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
<b>327698-008</b>	07/19/19	8	Wisconsin		
Layer 1:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Yellow, Soft				
Layer 2:	Flooring			None Detected	35% CELLULOSE FIBER
	Black, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 3:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Brown, Brittle				
<b>327698-009</b>	07/19/19	9	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				
<b>327698-010</b>	07/19/19	10	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	White, Granular				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-011</b>	07/19/19	11	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	White, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Brittle				
<b>327698-012</b>	07/19/19	12	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-013</b>	07/19/19	13	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-014</b>	07/19/19	14	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
	<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-015</b>	07/19/19	15	Wisconsin		
Layer 1:	Ceramic Tile			None Detected	100% NON FIBROUS MATERIAL
	White/Black, Hard				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Brittle				

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-016</b>	07/19/19	17	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-017</b>	07/19/19	18	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-018</b>	07/19/19	19	Wisconsin		
Layer 1:	Flooring			None Detected	35% CELLULOSE FIBER
	Beige, Org.Bound/Fibrous				15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
<b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>					
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				
<b>327698-019</b>	07/19/19	20	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
Layer 2:	Granular Material			2% CHRYSOTILE	98% NON FIBROUS MATERIAL
	Light Blue, Soft				
<b>327698-020</b>	07/19/19	21	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Tan, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
<b>327698-021</b>	07/19/19	22	Wisconsin		
Layer 1:	Ceiling Tile			None Detected	40% CELLULOSE FIBER
	Tan, Fibrous				40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-022</b>	07/19/19	23	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-023</b>	07/19/19	24	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-024</b>	07/19/19	25	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-025</b>	07/19/19	26	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-026</b>	07/19/19	27	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
<b>327698-027</b>	07/19/19	28	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-028</b>	07/19/19	29	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
<b>327698-029</b>	07/19/19	30	Wisconsin		
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

**PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
<b>327698-030</b>	07/19/19	31	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Gray, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327698-031</b>	07/19/19	32	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327698-032</b>	07/19/19	33	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327698-033</b>	07/19/19	34	Wisconsin		
Layer 1:	Insulation			60% CHRYSOTILE	20% CELLULOSE FIBER
	Beige, Fibrous				10% MINERAL/GLASS WOOL
					10% NON FIBROUS MATERIAL
<b>327698-034</b>	07/19/19	35	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>327698-035</b>	07/19/19	36	Wisconsin		
Layer 1:	Granular Material			None Detected	100% NON FIBROUS MATERIAL
	Beige, Granular				
<b>327698-036</b>	07/19/19	37	Wisconsin		
Layer 1:	Floor Tile			None Detected	100% NON FIBROUS MATERIAL
	Black, Organically Bound				
Layer 2:	Mastic			None Detected	100% NON FIBROUS MATERIAL
	Tan, Soft				

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 54



Analyst **Mohammed Hashim**

327698-07/29/19 09:52 AM



Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.



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 www.slabinc.com • info@slabinc.com



V: 1327\327698  
 fghraizi 7/24/2019 10:05:09 AM  
 UPS 1Z2E2899846 3043436

<b>Submitting Co.</b> Harenda Management Group		<b>State of Collection</b> WI	<b>Cert Required</b> <input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct. #</b> 5065	<b>Phone</b> (414) 647-1530
Milwaukee, WI 53204		<b>Email</b> dean.jacobsen@kphenvironmental.com	
<b>Project Name</b>		<b>PO #</b>	
<b>Project Location</b> Wisconsin	<b>Special Instructions:</b>		
<b>Project Number</b> 19-400-037.1901			
<b>Collected By</b>			

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP (w/ organics 10 Day)	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
1	7/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19 12:00

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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 www.slabin.com • info@slabin.com

<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1901				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
11	7/19/19								
12									
13									
14									
15									
17									
18									
19									
20									
21									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19/20

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



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<b>Submitting Co.</b>	Harenda Management Group	<b>State of Collection</b>	WI	<b>Cert. Required</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		<b>Acct #</b>	5065	<b>Phone</b>	(414) 647-1530
Milwaukee, WI 53204		<b>Email</b>	dean.jacobsen@kphenvironmental.com		
<b>Project Name</b>		<b>PO #</b>			
<b>Project Location</b>	Wisconsin	<b>Special Instructions:</b>			
<b>Project Number</b>	19-400-037.1901				
<b>Collected By</b>					

Turn Around Time **	Matrix	Tests/Analytes (select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests            ** past 3 PM the TAT will begin next business day            Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> Lead	<input type="checkbox"/> Lead	<input type="checkbox"/> BACT (MPN/PA)
		<input type="checkbox"/> PLM Qualitative	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> RCRA 8 Metals	<input type="checkbox"/> Mold Direct Exam
		<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Chromium VI	<input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> Allergens
		<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> Mercury		<b>Sub-Contract</b>
		<input type="checkbox"/> Gravimetric Prep			<input type="checkbox"/> TEM Chatfield
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<input type="checkbox"/> TEM AHERA
		<input type="checkbox"/> PCM	<input type="checkbox"/> Total Dust NIOSH 0500	<input type="checkbox"/> Silica FTIR (7602)	<input type="checkbox"/> TEM 7402
		<input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> _____	<input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
22	7/19/19								
23									
24									
25									
26									
27									
28									
29									
30									
31									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19/1200

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.1901				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input checked="" type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days <small>* not available for all tests</small> <small>** past 3 PM the TAT will begin next business day</small> <small>Please schedule rush tests in advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b> <input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<b>Gravimetric</b> <input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<b>Miscellaneous</b> <input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<b>Sub-Contract</b> <input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
32	7/23/19								
33	↓								
34									
35									
36									
37									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion    <sup>2</sup>Beginning/End of Sample Period    <sup>3</sup>Liters/Minute    <sup>4</sup>Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/23/19 1202

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Analysis Report

# Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

**Customer:** Harenda Management Group (5065)  
**Address:** 1237 West Bruce Street  
Milwaukee, WI 53204

**Order #:** 328686

**Received** 07/29/19  
**Analyzed** 07/31/19  
**Reported** 07/31/19

**Attn:**

**Project:**

**Location:** Wisconsin  
**Number:** 19-400-037.1901

**Method:** EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
328686-001	07/19/19	20	Wisconsin	0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Layer 1: Granular Material Light Blue, Granular/Soft, Homogenous					

EPA Regulatory Limit: 1%  
Total layers analyzed on order: 1

328686-07/31/19 04:57 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**  
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). 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 government agency endorsement. The test results reported relate only to the samples submitted.



**SCHNEIDER LABORATORIES GLOBAL, INC.**

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

328686

S 1



V:328\328686

vthrasher 7/29/2019 3:33:00 PM

Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	<input type="checkbox"/> YES <input type="checkbox"/> NO
1237 West Bruce Street		Acct. #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmental.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order #: 327698			
Project Number	19-400-037.1901				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
<input type="checkbox"/> 2 Hour * <input type="checkbox"/> Same day * <input checked="" type="checkbox"/> 1 business day <input type="checkbox"/> 2 business days <input type="checkbox"/> 3 business days <input type="checkbox"/> 5 business days * not available for all tests ** past 3 PM the TAT will begin next business day Please schedule rush tests in advance.	<input type="checkbox"/> Air <input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Waste Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water <input type="checkbox"/> TSP / PM10 <input type="checkbox"/> _____	<b>Asbestos in Bulk</b>	<b>Metals Total</b>	<b>TCLP</b>	<b>Microbiology</b>
		<input type="checkbox"/> PLM <input type="checkbox"/> PLM Qualitative <input checked="" type="checkbox"/> 400 Point Count <input type="checkbox"/> 1000 Point Count <input type="checkbox"/> Gravimetric Prep	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Chromium VI <input type="checkbox"/> Mercury <input type="checkbox"/> _____	<input type="checkbox"/> Lead <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Full TCLP <small>(w/ organics 10 Day)</small>	<input type="checkbox"/> BACT (MPN/PA) <input type="checkbox"/> Mold Direct Exam <input type="checkbox"/> Allergens
		<b>Asbestos in Air</b>	<b>Gravimetric</b>	<b>Miscellaneous</b>	<b>Sub-Contract</b>
		<input type="checkbox"/> PCM <input type="checkbox"/> PCM-B Rules	<input type="checkbox"/> Total Dust NIOSH 0500 <input type="checkbox"/> Resp. Dust NIOSH 0600	<input type="checkbox"/> Silica FTIR (7602) <input type="checkbox"/> _____	<input type="checkbox"/> TEM Chatfield <input type="checkbox"/> TEM AHERA <input type="checkbox"/> TEM 7402 <input type="checkbox"/> Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type <sup>1</sup> )	Wipe Area	Time <sup>2</sup>		Flow Rate <sup>3</sup>		Total Air <sup>4</sup>
					Start	Stop	Start	Stop	
20	7/19/19		Layer 2						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis  
<sup>1</sup>Type: A=Area, B=Blank, P=Personal, E=Excursion <sup>2</sup>Beginning/End of Sample Period <sup>3</sup>Liters/Minute <sup>4</sup>Volume in Liters [time in min x flow in L/min]

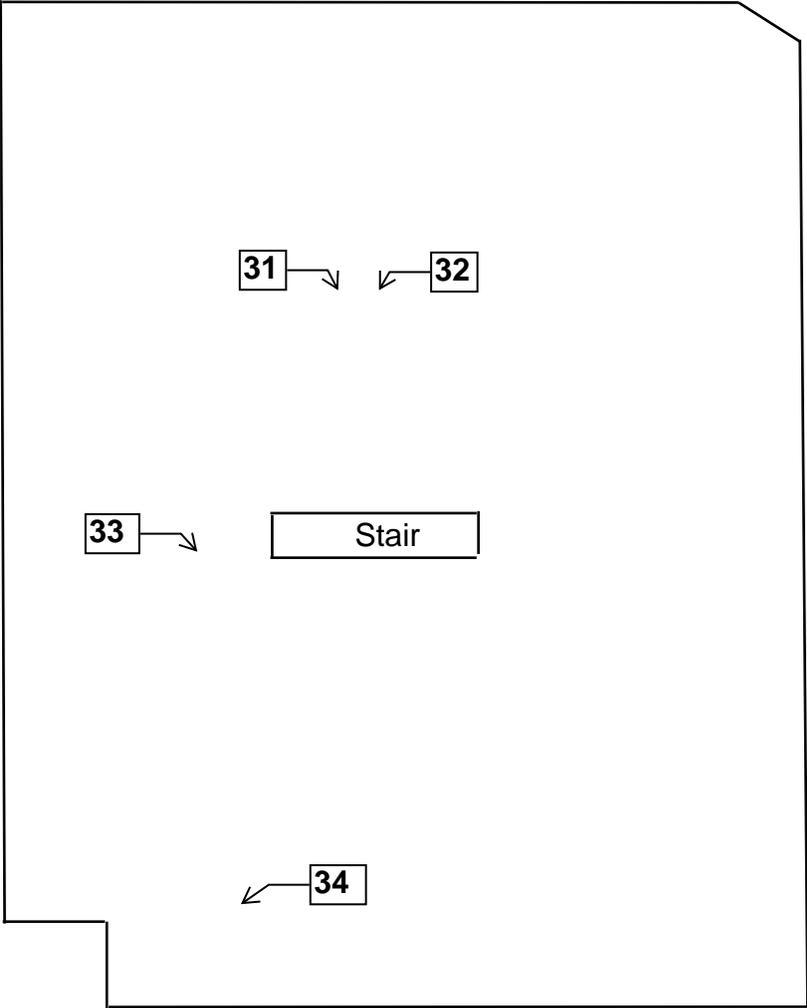
Relinquished By: Dean Jacobsen Signature: [Signature] Date/Time 7/29/19 1335

**! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !**

## **IX. FLOOR PLANS**

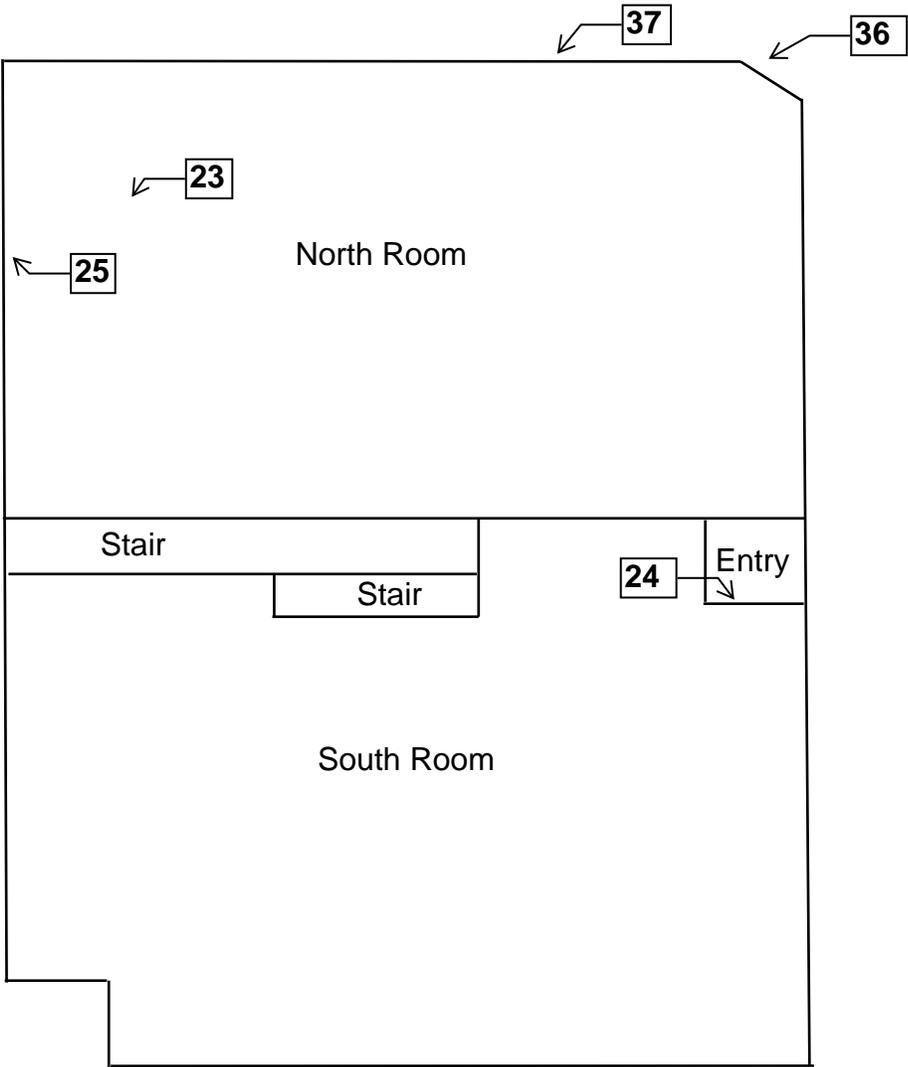
**Mixed Use Building  
1901 West Grant Street  
Milwaukee, Wisconsin**

Basement Floor Plan



**Mixed Use Building  
1901 West Grant Street  
Milwaukee, Wisconsin**

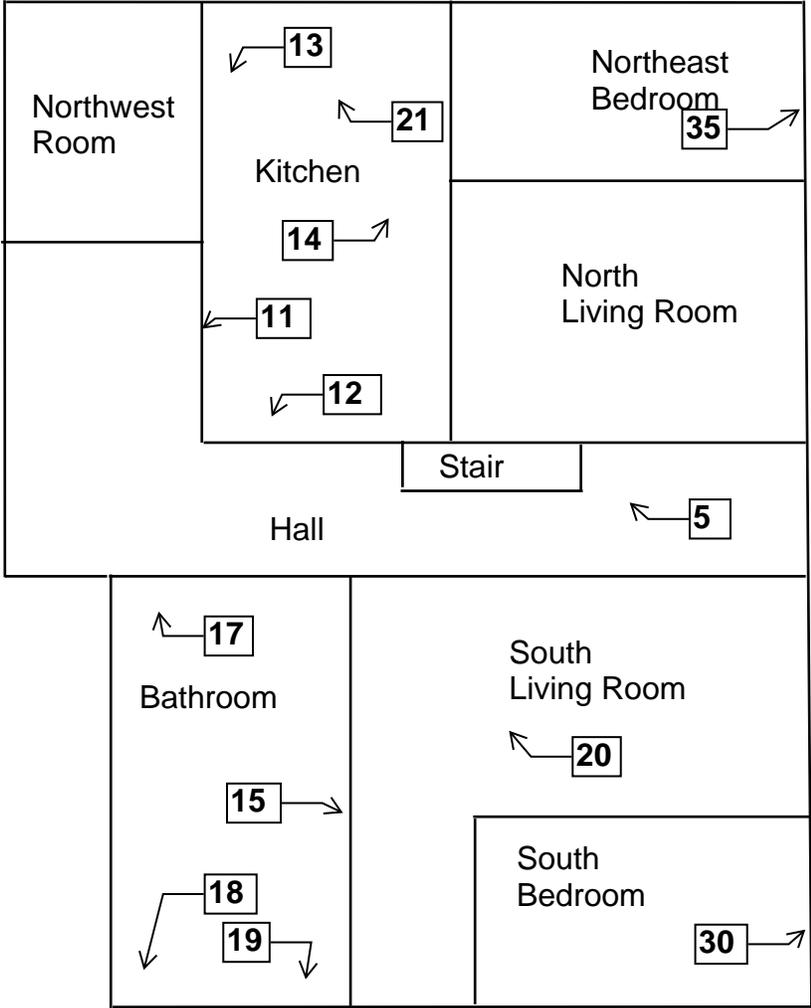
1st Floor Plan





**Mixed Use Building  
1901 West Grant Street  
Milwaukee, Wisconsin**

3rd Floor Plan



## **X. 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: 07/23/2019  
Expiration Date: 08/31/2021, 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



*Miriam Hasan*  
Miriam Hasan, Unit Supervisor



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

Scott Walker  
Governor

Linda Seemeyer  
Secretary

August 27, 2018

State of Wisconsin  
Department of Health Services

CECIL JAMES TRAWICK JR  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-104769

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you are assuming professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



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

Cecil James Trawick Jr  
1237 W Bruce St  
Milwaukee WI 53204-1218

AII-104769	Exp: 10/02/2019	214 lbs	5' 08"
		07/09/1971	

Training due by: 10/02/2019

**COPY**



**DECONSTRUCTION INSPECTION REPORT**

**Job Site:**

**One Family Dwelling  
1211 West National Avenue  
Milwaukee, Wisconsin**

For:

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

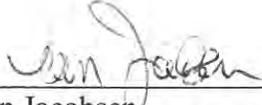
**HMG Report No.: 18-400-024.1211  
Inspector: Damian Rogowski  
Contract No.: 360-18-0975**

Prepared by:

**HARENDA MANAGEMENT GROUP**  
1237 West Bruce Street  
Milwaukee, Wisconsin 53204  
(414) 383-4800

**November 2018**

**Signature Page**  
Deconstruction Inspection Report  
One Family Dwelling  
1211 West National Avenue  
Milwaukee, Wisconsin



---

Dean Jacobsen  
Asbestos Inspector No. AII – 14370  
Expiration Date: 12/2/18  
Harenda Management Group



---

Damian Rogowski  
Asbestos Inspector No. AII – 161300  
Expiration Date: 3/19/19  
Harenda Management Group

November 5, 2018

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

RE: Deconstruction Inspection Report  
1211 West National Avenue  
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1211 West National Avenue, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

**HARENDA MANAGEMENT GROUP**



Dean Jacobsen  
Asbestos Inspector No. AII – 14370

## **EXECUTIVE SUMMARY**

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 1211 West National Avenue, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected in exterior transite siding, exterior caulk, roof flashing, 1<sup>st</sup> floor floor tile and linoleum, flue packing, and duct wrap sampled during the inspection. Results are in Section IV of this report.

Painted block was observed on interior basement walls during the inspection. Results are in Section V of this report.

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 1211 West National Avenue, Milwaukee, Wisconsin. The dwelling is a one story wood framed structure with basement. The house has transite and wood siding with asphalt roofing.

## II. ASEBSTOS INSPECTION

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 October 16, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 1211 West National Avenue, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.**

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing 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.

The following types of suspect materials were observed and inspected to determine if asbestos containing materials were present in the building as required by US EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Tar paper
- Caulk
- Drywall/joint compound
- Asphalt roofing
- Roof flashing
- Linoleum
- Plaster
- Ceiling tile
- Floor tile
- Duct wrap
- Flue packing
- Mastics

A listing of specific homogeneous materials and homogeneous material codes are in the Findings and Observations section following the results table.

### III. ASEBSTOS 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. 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. ASEBSTOS FINDINGS AND OBSERVATIONS

The following are the laboratory results. The laboratory report is in Section IX.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – northeast wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>MTP</b>
2	Exterior – southeast wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>MTP</b>
3	Exterior – south wall – transite siding	<b>Positive 30% Chrysotile</b>	<b>MTP</b>
4	Exterior – northeast wall under transite siding – tar paper	Negative	MPT
5	Exterior – southeast wall under transite siding – tar paper	Negative	MPT
6	Exterior – south wall under transite siding – tar paper	Negative	MPT
7	Exterior – southeast wall at gas pipe – tan caulk	<b>Positive 5% Chrysotile</b>	<b>MCLKt</b>
8	Exterior – on northeast window – glazing compound	Negative	MPG
9	Exterior – on east window – glazing compound	Negative	MPG
10	Exterior – on south window – glazing compound	Negative	MPG
11	Exterior – around east window – white caulk	Negative	MCLKw

Sample #	Location and Description	Results	Homogeneous Code
12	Exterior – around southeast window – white caulk	Positive 5% Chrysotile	MCLKw
13	Exterior – around northeast window – white caulk	Positive 5% Chrysotile	MCLKw
14	Exterior – southeast wall under transite – drywall	Negative	MDW
15	Exterior – southwest wall under transite – drywall	Negative	MDW
16	Exterior – southeast wall under transite – drywall	Negative	MDW
17	Roof – southeast – green asphalt shingle	Negative	MRSg
18	Roof – southwest – green asphalt shingle	Negative	MRSg
19	Roof – east side – green asphalt shingle	Negative	MRSg
21	Roof – southeast on asphalt shingles – tar flashing	Positive 10% Chrysotile	MRF
23a	1 <sup>st</sup> floor – room 102 – white linoleum	Negative	MFLw
23b	1 <sup>st</sup> floor – room 102 – under white linoleum – gray mastic	Negative	MFLw
24a	1 <sup>st</sup> floor – room 102 – ceiling – joint compound layer	Negative	SPI
24b	1 <sup>st</sup> floor – room 102 – ceiling – plaster skim coat	Negative	SPI
24c	1 <sup>st</sup> floor – room 102 – ceiling – plaster base coat	Negative	SPI
25a	1 <sup>st</sup> floor – room 104 – west wall – plaster skim coat	Negative	SPI
25b	1 <sup>st</sup> floor – room 104 – west wall – plaster base coat	Negative	SPI
26	1 <sup>st</sup> floor – room 105 – east wall – plaster	Negative	SPI
27a	1 <sup>st</sup> floor – room 106 – on northeast wall – green and black linoleum	Negative	MFLgk
27b	1 <sup>st</sup> floor – room 106 – on northeast wall – under green and black linoleum – brown mastic	Negative	SPI
27c	1 <sup>st</sup> floor – room 106 – northeast wall – plaster skim coat	Negative	SPI
27d	1 <sup>st</sup> floor – room 106 – northeast wall – plaster base coat	Negative	SPI
28a	1 <sup>st</sup> floor – room 106 – on northwest wall – green and black linoleum	Negative	MFLgk
28b	1 <sup>st</sup> floor – room 106 – on northwest wall – under green and black linoleum – brown mastic	Negative	SPI
28c	1 <sup>st</sup> floor – room 106 – northwest wall – plaster skim coat	Negative	SPI
28d	1 <sup>st</sup> floor – room 106 – northwest wall – plaster base coat	Negative	SPI
29	1 <sup>st</sup> floor – room 102 center – 2' x 4' ceiling tile	Negative	MSCT24
30	1 <sup>st</sup> floor – room 101 center – 2' x 4' ceiling tile	Negative	MSCT24
31	1 <sup>st</sup> floor – room 102 north side – 2' x 4' ceiling tile	Negative	MSCT24
32	1 <sup>st</sup> floor – room 103 – on west wall under panel – brown mastic	Negative	MPMn
33a	1 <sup>st</sup> floor – room 103 – 12" white floor tile	Positive 5% Chrysotile	MF12w
33b	1 <sup>st</sup> floor – room 103 – under 12" white floor tile – tan mastic	Negative	MF12w
34a	1 <sup>st</sup> floor – room 103 – ceiling – joint compound	Negative	MDW2
34b	1 <sup>st</sup> floor – room 103 – ceiling – drywall #2	Negative	MDW2
35	1 <sup>st</sup> floor – room 104 west side – 1' x 1' ceiling tile	Negative	MSCT11
36	1 <sup>st</sup> floor – room 104 north side – 1' x 1' ceiling tile	Negative	MSCT11
37	1 <sup>st</sup> floor – room 104 south side – 1' x 1' ceiling tile	Negative	MSCT11
38	1 <sup>st</sup> floor – room 104 west side – under carpet – tan and red linoleum	Negative	MFLtr
39	1 <sup>st</sup> floor – room 104 north side – under carpet – tan and red linoleum	Negative	MFLtr
40	1 <sup>st</sup> floor – room 104 south side – under carpet – tan and red linoleum	Negative	MFLtr
41	1 <sup>st</sup> floor – room 105 under carpet – 1' x 1' rough texture ceiling tile	Negative	MSCT11R

Sample #	Location and Description	Results	Homogeneous Code
42	1 <sup>st</sup> floor – room 105 under carpet – black linoleum	Negative	MFLk
43	1 <sup>st</sup> floor – room 106 – northwest wall – drywall #2	Negative	MDW2
44a	1 <sup>st</sup> floor – room 106 – northeast wall – joint compound	Negative	MDW2
44b	1 <sup>st</sup> floor – room 106 – northeast wall – drywall #2	Negative	MDW2
45	1 <sup>st</sup> floor – room 106 – on east wall – tan mastic	Negative	MWMT
46a	<b>1<sup>st</sup> floor – room 106 - east side top layer – white and blue linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLwb</b>
46b	<b>1<sup>st</sup> floor – room 106 - east side 2<sup>nd</sup> layer – yellow linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLI</b>
46c	1 <sup>st</sup> floor – room 106 - east side 3 <sup>rd</sup> layer – red linoleum	Negative	MFLr
47a	<b>1<sup>st</sup> floor – room 106 - center top layer – white and blue linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLwb</b>
47b	<b>1<sup>st</sup> floor – room 106 - center 2<sup>nd</sup> layer – yellow linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLI</b>
47c	1 <sup>st</sup> floor – room 106 - center 3 <sup>rd</sup> layer – red linoleum	Negative	MFLr
48a	<b>1<sup>st</sup> floor – room 106 - west side top layer – white and blue linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLwb</b>
48b	<b>1<sup>st</sup> floor – room 106 - west side 2<sup>nd</sup> layer – yellow linoleum</b>	<b>Positive 20% Chrysotile</b>	<b>MFLI</b>
48c	1 <sup>st</sup> floor – room 106 - west side 3 <sup>rd</sup> layer – red linoleum	Negative	MFLr
49a	Basement – stair landing top layer – tan linoleum	Negative	MFLt
49b	Basement – stair landing top layer – under tan linoleum – yellow mastic	Negative	MFLt
49c	Basement – stair landing 2 <sup>nd</sup> layer – gray linoleum	Negative	MFLy
50a	Basement – southwest – beige linoleum	Negative	MFLe
50b	Basement – southwest – under beige linoleum – yellow mastic	Negative	MFLe
51a	Basement – southeast – beige linoleum	Negative	MFLe
51b	Basement – southeast – under beige linoleum – yellow mastic	Negative	MFLe
52a	Basement – west center – beige linoleum	Negative	MFLe
52b	Basement – west center – under beige linoleum – yellow mastic	Negative	MFLe
53	<b>Basement – west side on duct – duct wrap</b>	<b>Positive 50% Chrysotile</b>	<b>TDW</b>
54	<b>Basement – on chimney – flue packing</b>	<b>Positive 3% Chrysotile</b>	<b>TFP</b>

Nine (9) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls	1,500 SF	Good
Tan Caulk	MCLKt	Exterior Southeast Wall at Gas Pipe	1 SF	Good
White Caulk	MCLKw	Exterior Around Windows	22 Windows	Good
Roof Flashing	MRF	Scattered Over Roof and at Chimney	10 SF	Good
12" White Floor Tile	MF12w	Room 103	40 SF	Good
White & Blue Linoleum	MFLwb	Room 106 Top Layer	240 SF	Good

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Yellow Linoleum	MFLl	Room 106 Bottom Layer	240 SF	Good
Duct Wrap	TDW	Basement on Ducts	6 SF	Poor
Flue Packing	TFP	Basement on Chimney	3 SF	Poor

**Note #1:** The ACMs listed above are friable, category I non friable, and category II non friable asbestos containing materials. NR 447.08 requires the building owner or operator to remove all regulated asbestos containing materials (RACM) from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. Harenda Management Group recommends that these materials be abated prior to deconstruction.

**Note#2:** If additional materials are discovered during deconstruction 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 deconstruction contractor.

**Note #4:** Additional duct wrap may be within walls and ceilings.

#### Homogeneous Material Codes

SPl	Plaster
MTP	Transite
MPT	Tar Paper
MCLKt	Tan Caulk
MCLKw	White Caulk
MPG	Glazing Compound
MDW	Drywall Exterior
MDW2	Drywall/Joint Compound
MRSg	Green Asphalt Shingle
MRF	Flashing
MFLw	White Linoleum
MFLtr	Tan & Red Linoleum
MFLk	Black Linoleum
MFLwb	White & Blue Linoleum
MFLl	Yellow Linoleum
MFLt	Tan Linoleum
MFLy	Gray Linoleum
MFLe	Beige Linoleum
MSCT24	2' x 4' Ceiling Tile
MSCT11	1' x 1' Ceiling Tile
MSCT11R	1' x 1' Rough Texture Ceiling Tile
MPMn	Brown Wall Panel Mastic
MWMt	Tan Wall Mastic
MF12w	12" White Floor Tile
TDW	Duct Wrap
TFP	Flue Packing

## V. LEAD PAINT INSPECTION

### A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2017).

The inspection and sampling at 1211 West National Avenue, Milwaukee, Wisconsin, took place on October 16, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

### B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead in paint. Reference Paint Test Results below. The laboratory report is in Section IX.

#### Interior: 1211 West National Avenue, Milwaukee, Wisconsin

- Painted block was observed on the interior basement walls. Lead based paint was not detected.

#### Exterior: 1211 West National Avenue, Milwaukee, Wisconsin

- Painted masonry was not observed on the exterior.

The following are the laboratory results.

Site: 1211 West National Avenue, Milwaukee, Wisconsin

Date: 10/16/18

Paint Testing Results					
Sample	Room	Component	Substrate	Color	Result (% Lead)
P1	Basement	Southwest Wall	Block	Tan	0.230

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 1926.62. This applies if any amount of lead is present, not just

for lead based paint (>0.5% Lead). Workers must take care to limit the amount of lead dust generated and follow OSHA safety requirements for lead exposure. The regulation requires:

- Personal exposure monitoring,
- Use of respiratory protection and protective clothing,
- Hygiene areas,
- Engineering controls to control lead dust,
- Worker training

See the OSHA Lead in Construction booklet (OSHA 3142-09R 2003) for guidance and <https://www.osha.gov/SLTC/lead/index.html> for regulatory requirements.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the Department (DNR Form 4400-274).

## VI. EXCLUSIONS

**House interior rooms have 2 to 6 feet garbage, boxes, and debris on floors – rooms only partially accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in 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 deconstruction contractor.

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

## VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes Quantem Laboratories for our asbestos and paint testing. 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.*

## **VIII. 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>1</u>	<b>Refrigerators</b> , Freezers, Chillers – Room 106
<u>N/A</u>	Vending Machines, Food Display Cases
<u>N/A</u>	Walk-in Coolers
<u>N/A</u>	Water Fountains (bubblers)
<u>N/A</u>	Fire Extinguishers (both portable and installed HALON suppression systems)
<u>N/A</u>	Water Coolers

## **LEAD**

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

## **MERCURY**

Products that may contain mercury:

### **LIGHTING**

<u>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 Furnace & 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, 1 Water Meter, & 20 Gallons Paint in Basement

## **IX. ASBESTOS LABORATORY RESULTS**



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 301099	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/22/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/31/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

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
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
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	White Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3

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

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
012	12	Homogeneous	Tan Caulk	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
013	13	Homogeneous	Tan Caulk	Asbestos Present Chrysotile 5	NA	CaCO3

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
015	15	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
016	16	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
017	17	Homogeneous	Green Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
018	18	Homogeneous	Green Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
019	19	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
020	21	Homogeneous	Black Tar	Asbestos Present Chrysotile 10	NA	Tar

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	23	Layered	Gray Linoleum	Asbestos Not Present	Cellulose 30	Tar Vinyl CaCO3
021a		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
022	24	Layered	Tan Texture	Asbestos Not Present	NA	CaCO3
022a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
022b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
023	25	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
024	26	Homogeneous	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
025	27	Layered	Green/Black Wall Covering	Asbestos Not Present	Cellulose 35	Tar Paint
025a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
025b		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
025c		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand

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Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	28	Layered	Green/Black Wall Covering	Asbestos Not Present	Cellulose 35	Tar Paint
026a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
026b		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
026c		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
027	29	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
028	30	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
029	31	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

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Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	32	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
031	33	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	CaCO3 Vinyl
031a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
032	34	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
032a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
033	35	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

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Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	36	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
035	37	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
036	38	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
037	39	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
038	40	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
039	41	Homogeneous	Brown 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
040	42	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
041	43	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
042	44	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
042a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
043	45	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
044	46	Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
044a		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl

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.



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

### Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 301099	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/22/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/31/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
044b		Layered	Red Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Vinyl Tar
045	47	Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
045a		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
045b		Layered	Red Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Vinyl Tar
046	48	Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
046a		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	a Vinyl

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. 301099	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/22/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/31/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
046b		Layered	Red Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Vinyl Tar
047	49	Layered	Tan Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
047a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
047b		Layered	Gray Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Vinyl Tar
048	50	Layered	Tan Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
048a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
049	51	Layered	Tan Flooring	Asbestos Not Present	NA	CaCO3 Vinyl

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. 301099	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 10/22/2018	1237 West Bruce St.
Received By: Taylor Hooper	Milwaukee, WI 53204
Date Analyzed: 10/31/2018	Project: DNS
Analyzed By: Cassie Sanborn	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 18-400-024.1211

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
050	52	Layered	Tan Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
050a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
051	53	Homogeneous	White Insulation	Asbestos Present Chrysotile 50	Cellulose 30	Binder
052	54	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 3	NA	CaCO3 Clay Sand

*Cassie Sanborn*

Cassie Sanborn, Analyst

10/31/2018

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

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

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# ASBESTOS CHAIN OF CUSTODY

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

For Lab Use Only	
Lab No. <u>301099</u>	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.1211</b>	
SAMPLED BY: Name:	Date:	P.O. Number:	

Report Results <input checked="" type="checkbox"/> one box	
<input checked="" type="checkbox"/> Quantem Website	<input type="checkbox"/> Other <u>email</u>

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Dean Jacobsen</i>	<u>10/19/18 1700</u>	<u>Fed Ex</u>	<i>[Signature]</i>	<u>10-22-18 9:00am</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	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<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

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only	
Lab No. <u>301099</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

Project Information		
Company: <u>Harenda Management Group</u>	Project Name: <u>DNS</u>	Project Location: <u>Milwaukee, WI</u>

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	21	<input type="checkbox"/>				
21	23	<input type="checkbox"/>				
22	24	<input type="checkbox"/>				
23	25	<input type="checkbox"/>				
24	26	<input type="checkbox"/>				
25	27	<input type="checkbox"/>				
26	28	<input type="checkbox"/>				
27	29	<input type="checkbox"/>				
28	30	<input type="checkbox"/>				
29	31	<input checked="" type="checkbox"/>				
30	32	<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>301099</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

No.	Sample ID (10 Characters Max)	<input type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	33	<input checked="" type="checkbox"/>				
32	34	<input type="checkbox"/>				
33	35	<input type="checkbox"/>				
34	36	<input type="checkbox"/>				
35	37	<input type="checkbox"/>				
36	38	<input type="checkbox"/>				
37	39	<input type="checkbox"/>				
38	40	<input type="checkbox"/>				
39	41	<input type="checkbox"/>				
40	42	<input type="checkbox"/>				
41	43	<input type="checkbox"/>				
42	44	<input type="checkbox"/>				
43	45	<input type="checkbox"/>				
44	46	<input type="checkbox"/>				
45	47	<input type="checkbox"/>				
46	48	<input type="checkbox"/>				
47	49	<input type="checkbox"/>				
48	50	<input type="checkbox"/>				
49	51	<input type="checkbox"/>				
50	52	<input checked="" type="checkbox"/>				



# ASBESTOS CHAIN OF CUSTODY

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

For Lab Use Only	
Lab No. <u>301099</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
<u>5</u> 1	<u>53</u>	<input checked="" type="checkbox"/>				
<u>5</u> 2	<u>54</u>	<input checked="" type="checkbox"/>				
<u>_</u> 3		<input type="checkbox"/>				
<u>_</u> 4		<input type="checkbox"/>				
<u>_</u> 5		<input type="checkbox"/>				
<u>_</u> 6		<input type="checkbox"/>				
<u>_</u> 7		<input type="checkbox"/>				
<u>_</u> 8		<input type="checkbox"/>				
<u>_</u> 9		<input type="checkbox"/>				
<u>_</u> 0		<input type="checkbox"/>				
<u>_</u> 1		<input type="checkbox"/>				
<u>_</u> 2		<input type="checkbox"/>				
<u>_</u> 3		<input type="checkbox"/>				
<u>_</u> 4		<input type="checkbox"/>				
<u>_</u> 5		<input type="checkbox"/>				
<u>_</u> 6		<input type="checkbox"/>				
<u>_</u> 7		<input type="checkbox"/>				
<u>_</u> 8		<input type="checkbox"/>				
<u>_</u> 9		<input type="checkbox"/>				
<u>_</u> 0		<input type="checkbox"/>				

## **X. LEAD LABORATORY RESULTS**



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

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 301084  
**Date Received:** 10/22/18  
**Received By:** Taylor Hooper  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 10/29/18

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

**Acct. No.:** B929

**Project:** DNS

**Location:** Milwaukee, WI

**Project No.:** 18-400-024.1211

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.230	0.00497	%	10/24/18 15:45	P EPA 7000B (1)

Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

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

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

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

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

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

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



www.QuanTEM.com

# LEAD 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>301084</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results <input checked="" type="checkbox"/> one box	
<input checked="" type="checkbox"/> <b>Quantem Website</b>	
Other email _____	

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>18-400-024.1211</b>	

Sampled By: \_\_\_\_\_ Name: \_\_\_\_\_ Date: \_\_\_\_\_

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	10/19/18 1700	Fed Ex	<i>[Signature]</i>	10-22-18 9:00

### REQUESTED SERVICES (Please the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)				Sample Matrix Codes		
						Pb	PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	Soil	
1	P01				B	X		X							
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

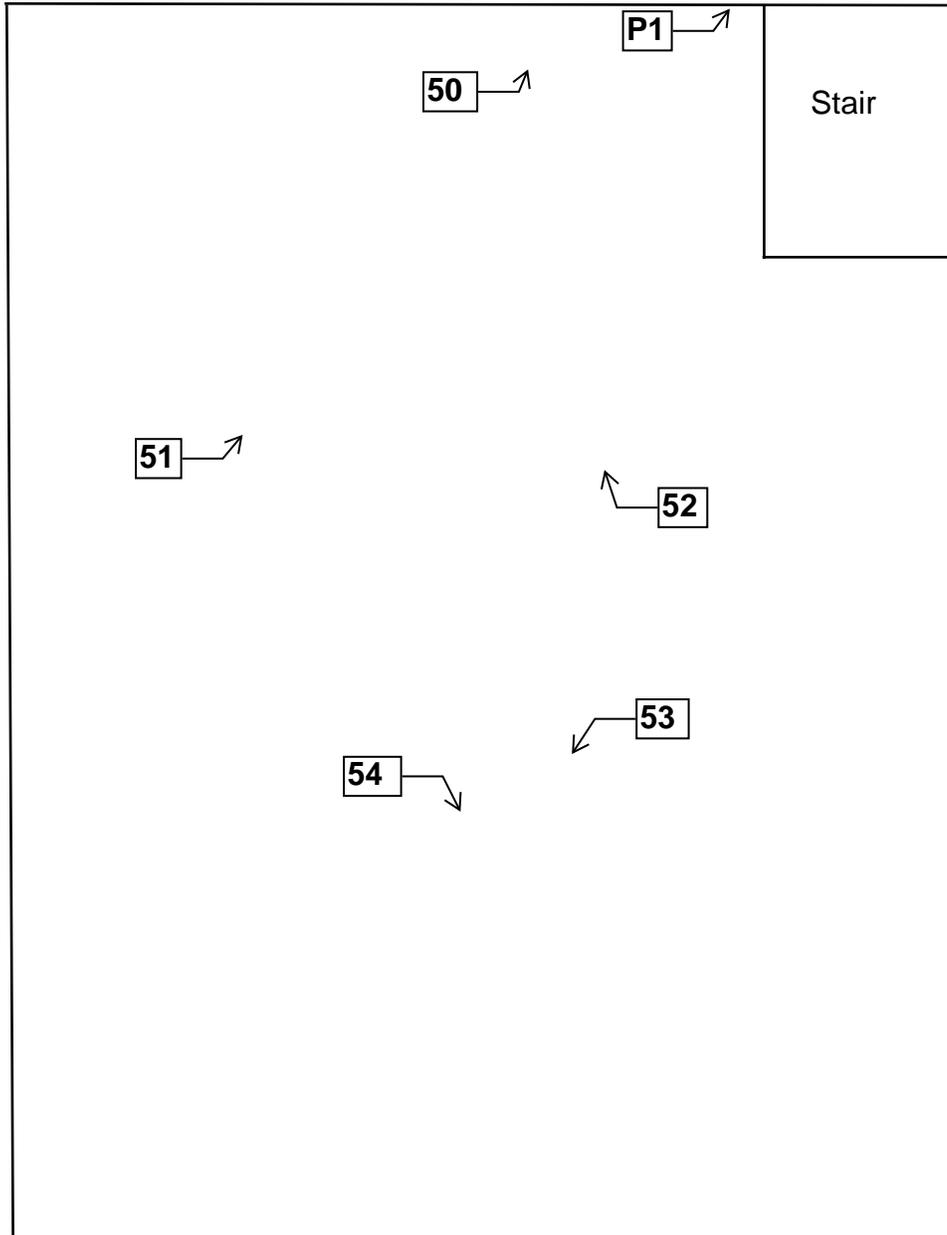
TURNAROUND TIME	
<input type="checkbox"/>	Same Day
<input type="checkbox"/>	24 - Hour
<input type="checkbox"/>	3 - Day
<input checked="" type="checkbox"/>	5 - Day

## **XI. FLOOR PLANS**

**One Family Dwelling  
1211 West National Avenue  
Milwaukee, Wisconsin**



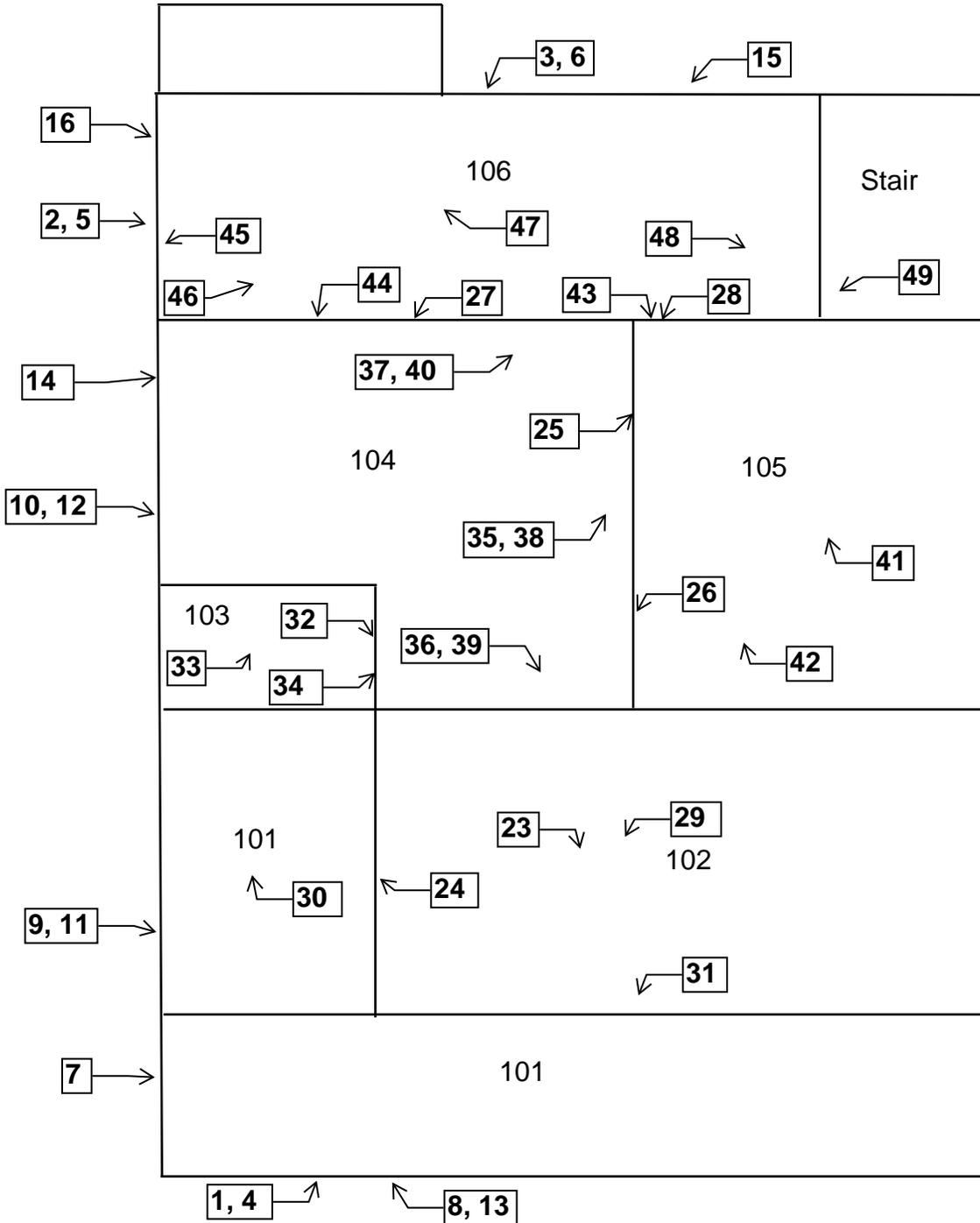
Basement Floor Plan



**One Family Dwelling  
1211 West National Avenue  
Milwaukee, Wisconsin**



1st Floor Plan



**One Family Dwelling  
1211 West National Avenue  
Milwaukee, Wisconsin**



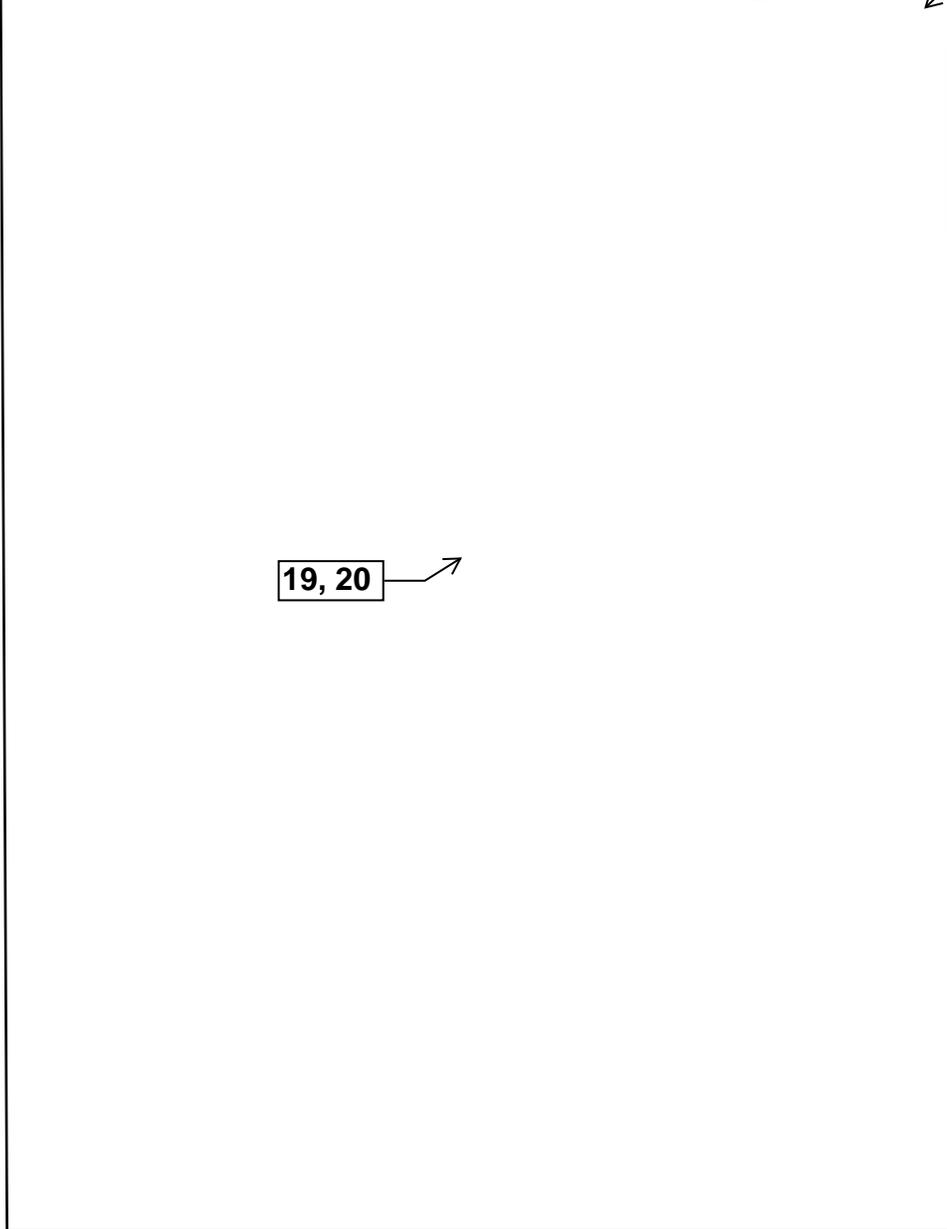
Roof Floor Plan

17, 21



18, 22

19, 20



## **XII. 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: 06/23/2017  
Expiration Date: 08/31/2019, 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

Linda Seemeyer  
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

February 1, 2018

DAMIAN SCOTT ROGOWSKI  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect professional responsibility. Contact us if you have questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)



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

Damian Scott Rogowski  
1237 W Bruce St  
Milwaukee WI 53204-1218

	185 lbs	5' 10"	
AII-161300	Exp: 03/19/2019	12/01/1980	Male

Training due by: 03/19/2019

**COPY**



**ASBESTOS INSPECTION REPORT**

**Job Site:**

**Two Family Dwelling  
3720 West Sarnow Street  
Milwaukee, Wisconsin**

**For:**

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

**HMG Report No.: 17-400-080.3720  
Contract No.: 360-17-0745**

  
\_\_\_\_\_  
Dean Jacobsen  
Asbestos Inspector No. AII – 14370

Prepared by:

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

**August 2017**

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## I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the dwelling at 3720 West Sarnow Street, Milwaukee, Wisconsin.

The inspection included plaster, tar paper, window glazing compound, caulk, vermiculite insulation, linoleum, drywall/joint compound, duct paper, flue packing, stair tread, vinyl wallbase, ceramic tile, blown in insulation, floor tile, ceiling tile, flue packing, brick, transite siding, asphalt roofing, and mastic 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 31, 2017, HMG conducted an asbestos inspection of a two family dwelling, scheduled for fire training, located at 3720 West Sarnow Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300.**

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials. Category I non-friable materials were assumed to be asbestos containing and were not sampled except where on concrete.
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 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 plaster, tar paper, window glazing compound, caulk, vermiculite insulation, linoleum, drywall/joint compound, duct paper, flue packing, stair tread, vinyl wallbase, ceramic tile, blown in insulation, asphalt roofing, and mastic. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	MPT
2	Exterior – south wall under wood siding – tar paper	Negative	MPT
3	Exterior – east wall under wood siding – tar paper	Negative	MPT
<b>4</b>	<b>Exterior – on south window – glazing compound</b>	<b>Positive 4% Chrysotile</b>	<b>MPG</b>
<b>5</b>	<b>Exterior – on north window – glazing compound</b>	<b>Positive 4% Chrysotile</b>	<b>MPG</b>
<b>6</b>	<b>Exterior – on east window – glazing compound</b>	<b>Positive 8% Chrysotile</b>	<b>MPG</b>
7	Exterior – around north window – tan caulk	Negative	MCLKt
<b>8</b>	<b>Exterior – around north basement window – gray caulk</b>	<b>Positive 5% Chrysotile</b>	<b>MCLKy</b>
9	Exterior – on roof at basement stair – black caulk	Negative	MCLKk
10	1 <sup>st</sup> floor – living room – in north wall – vermiculite insulation	Negative	MVI
11	1 <sup>st</sup> floor – dining room – in north wall – vermiculite insulation	Negative	MVI
12	2 <sup>nd</sup> floor – living room – in north wall – vermiculite insulation	Trace <1% Chrysotile	MVI
12	POINT COUNT RESULT	Trace <0.25% Chrysotile	MVI
13a	1 <sup>st</sup> floor – living room – north wall – plaster skim coat	Negative	SPI
13b	1 <sup>st</sup> floor – living room – north wall – plaster base coat	Negative	SPI
14a	1 <sup>st</sup> floor – southwest bedroom – south wall – plaster skim coat	Negative	SPI
14b	1 <sup>st</sup> floor – southwest bedroom – south wall – plaster base coat	Negative	SPI
15a	Basement – north wall – plaster skim coat	Negative	SPI
15b	Basement – north wall – plaster base coat	Negative	SPI
16a	2 <sup>nd</sup> floor – stair – west wall – plaster skim coat	Negative	SPI

Sample #	Location and Description	Results	Homogeneous Code
16b	2 <sup>nd</sup> floor – stair – west wall – plaster base coat	Negative	SPI
17a	2 <sup>nd</sup> floor – bathroom – east wall – plaster skim coat	Negative	SPI
17b	2 <sup>nd</sup> floor – bathroom – east wall – plaster base coat	Negative	SPI
18a	2 <sup>nd</sup> floor – kitchen – north wall – plaster skim coat	Negative	SPI
18b	2 <sup>nd</sup> floor – kitchen – north wall – plaster base coat	Negative	SPI
19a	2 <sup>nd</sup> floor – southwest bedroom – ceiling – plaster skim coat	Negative	SPI
19b	2 <sup>nd</sup> floor – southwest bedroom – ceiling – plaster base coat	Negative	SPI
20	1 <sup>st</sup> floor – living room – black linoleum	Negative	MFLk
21	1 <sup>st</sup> floor – dining room under floor tile – black linoleum	Negative	MFLk
22a	2 <sup>nd</sup> floor – stair – black linoleum	Negative	MFLk
22b	2 <sup>nd</sup> floor – stair – under black linoleum – black mastic	Negative	MFLk
23	1 <sup>st</sup> floor – north bedroom – east side – white and red linoleum	Negative	MFLwr
24	1 <sup>st</sup> floor – north bedroom – east side – brown linoleum	Negative	MFLn
25	1 <sup>st</sup> floor – southwest bedroom – east wall – drywall	Negative	MDW
26a	1 <sup>st</sup> floor – kitchen – west wall – joint compound	Negative	MDW
26b	1 <sup>st</sup> floor – kitchen – west wall – drywall	Negative	MDW
27a	2 <sup>nd</sup> floor – stair – east wall – joint compound	Negative	MDW
27b	2 <sup>nd</sup> floor – stair – east wall – drywall	Negative	MDW
28	1 <sup>st</sup> floor – kitchen center – yellow linoleum	Negative	MFLI
29a	1 <sup>st</sup> floor – kitchen north side – yellow linoleum	Negative	MFLI
29b	1 <sup>st</sup> floor – kitchen north side – under yellow linoleum – yellow mastic	Negative	MFLI
30a	2 <sup>nd</sup> floor – kitchen – yellow linoleum	Negative	MFLI
30b	2 <sup>nd</sup> floor – kitchen – under yellow linoleum – yellow mastic	Negative	MFLI
31	1 <sup>st</sup> floor – bathroom – green linoleum	Negative	MFLg
32	<b>Basement – north side on duct – duct paper</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
33	<b>Basement – east side on duct – duct paper</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
34	<b>Basement – west side on duct – duct paper</b>	<b>Positive 60% Chrysotile</b>	<b>TDW</b>
35	<b>Basement – on chimney – flue packing</b>	<b>Positive 35% Chrysotile</b>	<b>TFP</b>
36	Basement – on west wall – white/black/red linoleum	Negative	MFLwkr
37a	Basement – stair – multicolored linoleum	Negative	MFLm
37b	Basement – stair – under multicolored linoleum – brown mastic	Negative	MFLm
38a	2 <sup>nd</sup> floor – stair – on steps – stair tread	Negative	MST
38b	2 <sup>nd</sup> floor – stair – on steps – under stair tread – brown mastic	Negative	MST
39	<b>2<sup>nd</sup> floor – kitchen – on sinks – black undercoat</b>	<b>Positive 5% Chrysotile</b>	<b>MSU</b>
40a	2 <sup>nd</sup> floor – kitchen – 4” white vinyl wallbase	Negative	MV4w
40b	2 <sup>nd</sup> floor – kitchen – under 4” white vinyl wallbase – brown mastic	Negative	MV4w
41a	2 <sup>nd</sup> floor – bathroom – on east wall – pink ceramic tile	Negative	MCTMp
41b	2 <sup>nd</sup> floor – bathroom – on east wall – under pink ceramic tile – yellow mastic	Negative	MCTMp
42	Attic – north side on floor – blown in insulation	Negative	MBI

Sample #	Location and Description	Results	Homogeneous Code
43	Attic – east side on floor – blown in insulation	Negative	MBI
44	Attic – west side on floor – blown in insulation	Negative	MBI

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

Material	Homogeneous Code	Location	Approximate Quantity
Window Glazing Compound	MPG	Windows on All Floors	38 Windows
Gray Caulk	MCLKy	Exterior Around Basement Windows	9 Windows
Duct Paper	TDW	Basement on Ducts & Furnaces, 2 <sup>nd</sup> Floor Southwest Bedroom Duct	420 Sq. Ft.
Flue Packing	TFP	Basement on Chimney	4 Sq. Ft.
Sink Undercoat	MSU	2 <sup>nd</sup> Floor Kitchen Sinks	2 Sinks

**Assumed Category I Non-Friable Asbestos Containing Material:**

Floor Level	Location	Description	Approximate Quantity
Roof	House	Asphalt Shingles & Flashing	950 Sq. Ft.
1 <sup>st</sup>	Front Entry/Dining Room/	Floor Tile & Mastic	250 Sq. ft.
2 <sup>nd</sup>	Stair/Bathroom/	Floor Tile & Mastic	100 Sq. ft.

**Note #1:** The duct paper and flue packing are friable asbestos containing materials. Under NR 447 of the Wisconsin Administrative Code They are defined as a regulated asbestos containing materials (RACM). NR 447.08 requires the building owner or operator to remove all RACM from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. The duct paper and flue packing must be abated by a Wisconsin certified asbestos company prior to demolition.

The window glazing compound, gray caulk, and sink undercoat are category II non-friable materials. They will likely become crumbled, pulverized or reduced to powder during demolition and become RACM. Abatement of the window glazing compound, gray caulk, and sink undercoat is recommended prior to demolition.

Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials, are not in poor condition, and are not friable. Under NR 447 they need not be removed before demolition if the demolition debris will be disposed at a Wisconsin licensed landfill.

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

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

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

**Note #5:** Additional aircell and fittings be within walls and ceilings.

### Homogeneous Material Codes

SPI	Plaster
MPT	Tar Paper
MPG	Glazing Compound
MCLKt	Tan Caulk
MCLKy	Gray Caulk
MCLKk	Black Caulk
MVI	Vermiculite Insulation
MFLk	Black Linoleum
MFLwr	White & Red Linoleum
MFLn	Brown Linoleum
MFLI	Yellow Linoleum
MFLwkr	White/Black/Red Linoleum
MFLm	Multicolored Linoleum
MFLg	Green Linoleum
MDW	Drywall/Joint Compound
MST	Stair Tread
MCTMp	Pink Ceramic Tile
MSU	Sink Undercoat
MV4w	4" White Vinyl Wallbase
MBI	Blown in Insulation
TDW	Duct Paper
TFP	Gray Flue Packing

## V. EXCLUSIONS

**Roof visible only from ground. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.**

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

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

## VI. LIMITATIONS

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

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

## **VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST**

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

### **ASBESTOS**

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

### **CFCs and HALONS**

Equipment that may contain CFCs and Halons:

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

### **LEAD**

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

## MERCURY

Products that may contain mercury:

### LIGHTING

<u>4</u>	Fluorescent Lights – 1 <sup>st</sup> Floor Kitchen
<u>N/A</u>	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
<u>N/A</u>	Neon
<u>N/A</u>	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

### HVAC

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

### HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

<u>1</u>	Old Thermostats – 1 <sup>st</sup> Floor Dining Room
<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 – 2 Furnaces and 2 Water Heaters 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

<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>2</u>	Ballasts – 1 <sup>st</sup> Floor Kitchen
<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

- \* 2 Gas Meters on Exterior
- \* 9 Gallons Paint 1<sup>st</sup> Floor Southeast Bedroom
- \* 1 Battery 1<sup>st</sup> Floor Kitchen
- \* 1 Water Meter 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. 283251	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 08/01/2017	1237 West Bruce St.
Received By: Karen Braley	Milwaukee, WI 53204
Date Analyzed: 08/04/2017	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	01	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
002	02	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
003	03	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
004	04	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
005	05	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
006	06	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
007	07	Homogeneous	Gray Caulk	Asbestos Not Present	Glass Fiber Synthetic 15 3	CaCO3 Binder

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

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Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	08	Homogeneous	Gray Caulk	Asbestos Present Chrysotile 5	Cellulose 15	CaCO3 Binder
009	09	Homogeneous	Black Caulk	Asbestos Not Present	NA	CaCO3 Binder
010	10	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite
011	11	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite
012	12	Homogeneous	Gray Insulation	Asbestos Present Actinolite/Tremolite <1	NA	Vermiculite
013	13	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
014	14	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
014a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
015	15	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
015a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
016	16	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
016a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
017a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5 Gypsum Sand
018	18	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
018a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5 Gypsum Sand
019	19	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
019a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5 Gypsum Sand

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QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
021	21	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
022	22	Layered	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
022a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
023	23	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
024	24	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
026	26	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
026a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
027	27	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
027a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
028	28	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl
029	29	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
030	30	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl
030a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031	31	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
032	32	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
033	33	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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.



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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 283251	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 08/01/2017	1237 West Bruce St.
Received By: Karen Braley	Milwaukee, WI 53204
Date Analyzed: 08/04/2017	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	34	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
035	35	Homogeneous	White Insulation	Asbestos Present Chrysotile 35	NA	CaCO3
036	36	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
037	37	Layered	Tan Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
037a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
038	38	Layered	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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

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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 283251	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 08/01/2017	1237 West Bruce St.
Received By: Karen Braley	Milwaukee, WI 53204
Date Analyzed: 08/04/2017	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
039	39	Homogeneous	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar Sand
040	40	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
040a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
041	41	Layered	Pink Ceramic Tile	Asbestos Not Present	NA	Clay Sand
041a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
042	42	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber 100	

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

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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 283251	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 08/01/2017	1237 West Bruce St.
Received By: Karen Braley	Milwaukee, WI 53204
Date Analyzed: 08/04/2017	Project: DNS
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
043	43	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100
044	44	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100

Dee Ammerman, Analyst

8/4/2017

Date of Report

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

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



# ASBESTOS CHAIN OF CUSTODY

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

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>283251</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: <b>Harenda Management Group</b>	Phone: <b>(414) 383-4800</b>	Project Name: <b>DNS</b>	
Contact: <b>Dean Jacobsen</b>	Cell Phone:	Project Location: <b>Milwaukee, WI</b>	
Account #: <b>B929</b>	E-mail: <b>djacobsen@harenda.com</b>	Project ID: <b>17-400-080. 3720</b>	
SAMPLED BY: Name: <u>Damian Rosowski</u>	Date: <u>7-31-17</u>	PO. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>[Signature]</u>	<u>7-31-17 2:55pm</u>		<u>K. Bradley</u>	<u>8-1-17 10:00</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	<b>PCM</b>	<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	01	<input type="checkbox"/>				
2	02	<input type="checkbox"/>				
3	03	<input type="checkbox"/>				
4	04	<input type="checkbox"/>				
5	05	<input type="checkbox"/>				
6	06	<input type="checkbox"/>				
7	07	<input type="checkbox"/>				
8	08	<input type="checkbox"/>				
9	09	<input type="checkbox"/>				
10	10	<input 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>283251</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information		
Company: <b>Harenda Management Group</b>	Project Name: <b>DNS</b>	Project Location: <b>Milwaukee, WI</b>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	<input type="checkbox"/>				
12	12	<input type="checkbox"/>				
13	13	<input type="checkbox"/>				
14	14	<input type="checkbox"/>				
15	15	<input type="checkbox"/>				
16	16	<input type="checkbox"/>				
17	17	<input type="checkbox"/>				
18	18	<input type="checkbox"/>				
19	19	<input type="checkbox"/>				
20	20	<input type="checkbox"/>				
21	21	<input type="checkbox"/>				
22	22	<input type="checkbox"/>				
23	23	<input type="checkbox"/>				
24	24	<input type="checkbox"/>				
25	25	<input type="checkbox"/>				
26	26	<input type="checkbox"/>				
27	27	<input type="checkbox"/>				
28	28	<input type="checkbox"/>				
29	29	<input type="checkbox"/>				
30	30	<input 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>283251</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information						
Company: <b>Harenda Management Group</b>			Project Name: <b>DNS</b>		Project Location: <b>Milwaukee, WI</b>	
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	31	<input type="checkbox"/>				
32	32	<input type="checkbox"/>				
33	33	<input type="checkbox"/>				
34	34	<input type="checkbox"/>				
35	35	<input type="checkbox"/>				
36	36	<input type="checkbox"/>				
37	37	<input type="checkbox"/>				
38	38	<input type="checkbox"/>				
39	39	<input type="checkbox"/>				
40	40	<input type="checkbox"/>				
41	41	<input type="checkbox"/>				
42	42	<input type="checkbox"/>				
43	43	<input type="checkbox"/>				
44	44	<input type="checkbox"/>				
45		<input type="checkbox"/>				
46		<input type="checkbox"/>				
47		<input type="checkbox"/>				
48		<input type="checkbox"/>				
49		<input type="checkbox"/>				
50		<input type="checkbox"/>				

283251

# Harenda Management Group

1237 West Bruce Street  
 Milwaukee, Wisconsin 53204  
 Tel: 414-383-4800 Fax: 414-383-4805

## BULK SAMPLE LOG

<b>Client:</b>	DNS	<b>Date of Insp.:</b>	7-31-17
<b>Address:</b>	3720 W. Sarno St Milwaukee, Wisconsin	<b>Inspector:</b>	Damian Rosow
		<b>Inspector #:</b>	161300
		<b>HMG Proj. #:</b>	17-400-080

Sample #	Material	Floor	Room/Area	Location Within Room/Area
01	MPT	E	House	W
02	↓	↓	↓	S
03	↓	↓	↓	E
04	MPG	↓	↓	S
05	↓	↓	↓	N
06	↓	↓	↓	E
07	MC	↓	↓	N
08	MC-2	↓	↓	N
09	MC-3	↓	↓	E
10	MVI	1	Living	N
11	↓	1	Dining	N
12	↓	2	Living	N
13	SP1	1	Living	N
14	↓	1	S-W Bed	S
15	↓	B	Basement	N
16	↓	2	Stairs	W
17	↓	2	Bath	E
18	↓	1	Kitchen	W
19	↓	↓	SW Bed	Ceiling
20	MFLK	1	Living	W
21	↓	1	Dining	N
22	↓	2	Stairs	E

Notes:

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283251

# Harenda Management Group

1237 West Bruce Street  
 Milwaukee, Wisconsin 53204  
 Tel: 414-383-4800 Fax: 414-383-4805

## BULK SAMPLE LOG

<b>Client:</b>	DNS	<b>Date of Insp.:</b>	7-31-17
<b>Address:</b>	3720 W. Sarnow ST	<b>Inspector:</b>	Damian Kosow
	Milwaukee, Wisconsin	<b>Inspector #:</b>	161300
		<b>HMG Proj. #:</b>	17-400-080

Sample #	Material	Floor	Room/Area	Location Within Room/Area
23	mFLwm	1	N-Bed	E
24	mFLN	1	N-Bed	E
25	mDW	1	S-W Bed	E
26	↓	1	Kitchen	W
27	↓	2	stairs	E
28	mFLC	1	Kitchen	middle
29	↓	1	Kitchen	N
30	↓	2	Kitchen	E
31	mFLG	1	Bath	S
32	TDLW	B	Basement	N
33	↓	↓	↓	E
34	↓	↓	↓	W
35	TFP	↓	↓	N
36	mFLwKRM	↓	↓	N
37	mFLM	↓	stairs	N
38	mSTK	2	stairs	E
39	mEM	2	Kitchen	S
40	mVYW	2	Kitchen	S
41	mCTM	2	Bath	E
42	mBF	A	Attic	N
43	↓	↓	↓	E
44	↓	↓	↓	W

Notes:

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

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 283579	Client: Harenda Management Group
Account Number: B929	Dean Jacobsen
Date Received: 08/09/2017	1237 West Bruce St.
Received By: Karen Braley	Milwaukee, WI 53204
Date Analyzed: 08/10/2017	Project: DNS/400 PTCT for 283251
Analyzed By: Dee Ammerman	Project Location: Milwaukee, WI
Methodology: EPA/600/R-93/116	Project Number: 17-400-080.3720

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	12	Homogeneous	Gray Insulation	Asbestos Present Actinolite/Tremolite <0.25 400 Point Count	NA	

Dee Ammerman, Analyst

8/10/2017

Date of Report

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

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



# ASBESTOS CHAIN OF CUSTODY

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

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only  
 Lab No. 283251  
 Accept  Reject

Contact Information		Project Information	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	Report Results ( <input checked="" type="checkbox"/> one box)
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	<input checked="" type="checkbox"/> QuanTEM Website
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 17-400-080.3720	<input type="checkbox"/> Other <u>email</u>
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>[Signature]</i>	8/9/17 7:50	Email	<i>[Signature]</i>	8/9/17 7:45

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	<b>PCM</b>	<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	12	<input checked="" type="checkbox"/>				Quantem Lab #: 283251
2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

## **IX. HMG CERTIFICATION**

# Company Certificate

This certifies that

**HARENDA MANAGEMENT GROUP**

1237 W BRUCE ST.  
MILWAUKEE WI 53204-1218

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

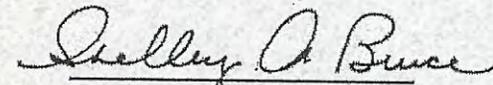
**Asbestos Company - Primary**

Certificate Issue Date: 06/23/2017

Expiration Date: 08/31/2019, 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





State of Wisconsin  
Department of Health Services

Scott Walker  
Governor

Linda Seemeyer  
Secretary April 10, 2017

DAMIAN SCOTT ROGOWSKI  
1237 W BRUCE ST  
MILWAUKEE WI 53204-1218

ID# AII-161300

**Congratulations!** Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

**Follow Wisconsin law by making sure that you:**

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing [DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov), by using our Lead and Asbestos Online Certification website, [www.dhs.wisconsin.gov/waldo](http://www.dhs.wisconsin.gov/waldo), or by mailing a note to:

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

4. Take refresher training well before the "Training due by" date printed on your blue card.
  - o Asbestos-certified individuals must refresh in Wisconsin no earlier than **90 days** before the due date to keep the same expiration date.  
Find asbestos training providers at [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
  - o Lead-certified individuals can refresh up to **1 year** before the due date.  
Find lead training providers at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead).
5. Apply to renew your card at least **1 month** before the "Exp." date on your blue card.
6. Be associated with a certified company when doing regulated work in Wisconsin. If you work for yourself, you must certify your own company under a name of your choosing. Otherwise, you must be employed by a certified company. Get a company application form at [www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead) or [www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos).
7. **Don't** conduct regulated work after your blue card expires. This could result in an enforcement action.

By getting certified and working safely, you protect your professional responsibility. Contact us if you have any questions below and on the back of your blue card.

The Lead and Asbestos Certification Program  
(608) 261-6876  
[DHSAsbestosLead@wi.gov](mailto:DHSAsbestosLead@wi.gov)  
[www.dhs.wisconsin.gov/asbestos](http://www.dhs.wisconsin.gov/asbestos)  
[www.dhs.wisconsin.gov/lead](http://www.dhs.wisconsin.gov/lead)

**COPY**

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

Damian Scott Rogowski  
1237 W Bruce St  
Milwaukee WI 53204-1218

		185 lbs	5' 10"
AII-161300	Exp: 03/19/2018	12/01/1980	Male

Training due by: 03/19/2018





# Policy Prohibiting Firearms and Dangerous Weapons in the Workplace

Department of Employee Relations

November 10, 2011

*Revised February 27, 2012*



## ***Policy Statement***

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

## ***Definitions***

Employee - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

Firearm or dangerous weapon - for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

- (1) A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
- (2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
- (3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
- (4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
- (5) Any destructive device;
- (6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
- (7) An electric weapon such as a taser gun;
- (8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
- (9) Any knife *that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)*

## ***Prohibitions***

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the course of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends;
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

## ***Safety First***

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area

and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

### ***Report of Violations***

#### ***Employee Violations***

Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is present consistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with law should reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to an including discharge.

#### ***Visitor Violations***

Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

### ***Anti-Retaliation Provision***

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

### ***Roles and Responsibilities***

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

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