OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 8-31-20

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 ten (10) primary buildings and two (2) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time)** on **Friday, August 28, 2020. Bids must be dropped off in the secure drop box labeled Demo Bids & Decon RFPs outside of Room 105 at 841 North Broadway. Any bids deposited in the wrong location or received after that time may be rejected and returned unopened. Bids will be opened and read on Monday, August 31, 2020. The bid opening will be made public by internet video conference only. Bidders wishing to observe the opening must provide their preferred email contact information legibly written or printed on the envelope of their sealed bid. Login and connection information will be emailed to participants. Others wishing to observe the bid opening may submit an email to ckraco@milwaukee.gov with "bid opening 083120" in the subject line to receive login and connection information.**

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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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 Ordinances. 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

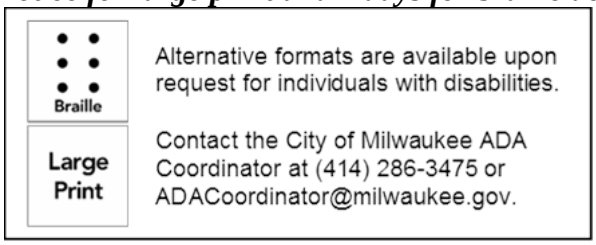
This bid includes a Local Business(LBE) incentive in accordance with Chapter 365 Milwaukee Code of Ordinances. IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.

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 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. *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

August 12, 2020
August 14, 2020

BID DOCUMENTS

FOR

MECHANICAL DEMOLITION PROJECT

OPENING MONDAY, AUGUST 31, 2020

BIDS MUST BE RECEIVED IN DROP BOX BY FRIDAY, AUGUST 28, 2020 AT 9:00 A.M.

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 MONDAY, AUGUST 31, 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 — 2823 North 13th Street – 1.5-story frame 1-family dwelling & 1-story frame shed

Remove dwelling and shed, fences, garage slab, sidewalks, concrete steps, trees, bushes and shrubs, driveway and approach 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. 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. (4 days to complete)**

Parcel 2 – 2950 North 13th Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, fences (lot extends to North 12th Street), oil tank, trees, 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. **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. (5 days to complete)**

Parcel 3 – 3030 North 13th Street – 1.5-story frame 2-family dwelling & 1-story frame shed

Remove fire-damaged dwelling, shed, two oil tanks in basement, fences, garage slab, sidewalks, concrete steps, driveway and approach 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. 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. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING DUE TO FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (8 days to complete)**

Parcel 4 – 3178 North 13th Street – 1.5-story frame 1-family dwelling

Remove fire-damaged dwelling, sidewalks, concrete steps, parking slab, 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. (5 days to complete)**

Parcel 5– 3543 North 13th Street – 1-story frame 1-family dwelling

Remove fire-damaged dwelling, sidewalks, clothes poles, concrete steps and railings, steps to alley, trees, bushes and shrubs. Grade to alley. 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. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING DUE TO FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (8 days to complete)**

Parcel 6– 3455 North 14th Street – 2-story frame 2-family dwelling

Remove dwelling, fences, 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. (4 days to complete)**

Parcel 7 – 3452 North 15th Street – 2-story frame dwelling

Remove dwelling, garage slab, patio, sidewalks, concrete steps and driveway approach. 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 8 – 3620 North 27th Street – 2-story frame 2-family dwelling

Remove fire-damaged dwelling, garage slab, driveway, 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.

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 9 – 1508 North Farwell Avenue – 2-story frame mixed use building

Remove fire-damaged mixed use building, driveway and approach and 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. 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 10 – 2141 North Lindsay Street – 2.5-story frame 2-family dwelling

Remove fire-damaged dwelling, patio, sidewalks, concrete steps and railings, trees, 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. **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)**

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.

<u>REQUIRED EROSION CONTROL MEASURES FOR PARCELS:</u> 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.

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 ten (10) primary buildings and two (2) secondary buildings located in the City of Milwaukee, for mechanical Demolition Project opening August 31, 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: _____
Rev. 1/00

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)

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

MECHANICAL DEMOLITION PROJECT OPENING 8-31-20
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2823 North 13th Street	1.5	frame	dwelling	1	CITY	12,000
	2823 North 13th Street	1	frame	shed	-	CITY	300
2	2950 North 13th Street	2	frame	dwelling	2	PRIV	20,280
3	3030 North 13th Street	1.5	frame	dwelling	2	PRIV	16,720
	3030 North 13th Street	1	frame	shed	-	PRIV	1,620
4	3178 North 13th Street	1.5	frame	dwelling	1	CITY	14,835
5	3543 North 13th Street	1	frame	dwelling	1	PRIV	9,600
6	3455 North 14th Street	2	frame	dwelling	2	CITY	24,440
7	3452 North 15th Street	2	frame	dwelling	1	CITY	20,500
8	3620 North 27th Street	2	frame	dwelling	2	PRIV	22,000
9	1508 North Farwell Avenue	2	frame	mixed use	1	PRIV	20,000
10	2141 North Lindsay Street	2.5	frame	dwelling	2	PRIV	21,000

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 $_____

(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 8-31-20
DEMOLITION OF 10 PRIMARY BUILDINGS AND 2 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)

affix
By_____ corporate
seal

_____

_____

Attest:

_____ _____

_____
Countersigned (Corporate Surety)

by_____ By_____ affix
Attorney-in-Fact corporate
Seal

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

FORM B (3/13)

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

BIDS OPENING: 8-31-20

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/SHED	TOTAL
1	2823 North 13th Street (dwelling & shed)				
2	2950 North 13th Street (dwelling)				
3	3030 North 13th Street (dwelling & shed)				
4	3178 North 13th Street (dwelling)				
5	3543 North 13th Street (dwelling)				
6	3455 North 14th Street (dwelling)				
7	3452 North 15th Street (dwelling)				
8	3620 North 27th Street (dwelling)				
9	1508 North Farwell Avenue (mixed use)				
10	2141 North Lindsay Street (dwelling)				

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

Revised December 28, 2016

DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

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. Post office boxes shall not suffice to establish status as a Local Business Enterprise.
2. A residential address may suffice to establish compliance as a Local Business Enterprise, but only if the business does not operate another business, or own or lease other real property, either within or outside the geographical boundaries of the City of Milwaukee.
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. If you own more than one business, please list the name of the business(es) and their addresses on the "Business Property Location" form.

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

City of Milwaukee

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 [ ]**

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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) or the Buy American bid incentive (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

City of Milwaukee

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.

Continue to the next page to complete Sections II & III

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).

_____

_____

_____

_____

_____

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 WTH YOUR BID OR PROPOSAL TO:
200 E. WELLS STREET, ROOM 601
MILWAUKEE, WISCONSIN 53202
OR FAX TO 414-286-5976

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin

For:

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

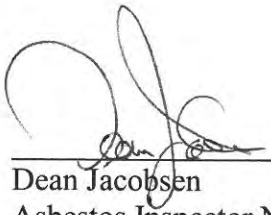
HMG Report No.: 18-400-024.2823
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

August 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin



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

August 8, 2018

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

RE: Deconstruction Inspection Report
2823 North 13th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2823 North 13th 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 2823 North 13th 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 tar on the front porch roof and floor tile in the pantry sampled during the inspection. Asbestos was assumed to be in the roof flashing. Asbestos was detected below 1% in window glazing compound. Results are in Section IV of this report.

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

TABLE OF CONTENTS

Deconstruction Inspection Report

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 shed at 2823 North 13th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl, asphalt, 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 June 26, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling and shed, scheduled for deconstruction, located at 2823 North 13th 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 buildings.
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
- Tar paper
- Flue packing
- Asphalt rolled roofing
- Window glazing compound
- Asphalt roof shingles
- Tar
- Drywall/joint compound
- Texture
- Linoleum
- Floor tile
- Ceiling tile
- Caulk

- Joint compound
- Plaster
- 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, crodcidolite, anthophyllite, and actinolite,/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. 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 under vinyl siding – asphalt shingle siding	Negative	MSS
2	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
3	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
4	Exterior – east wall under wood siding – tar paper	Negative	MPT
5	Basement – on east side of chimney – gray flue packing	Negative	TFPy
6	Basement – on west side of chimney – white flue packing	Negative	TFPw
7	Roof – south center top layer – gray asphalt rolled roofing	Negative	MRRy
8	Roof – south center bottom layer – tar paper #2	Negative	MPT2
9	Basement – on south window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
10	1st floor – living room – on east window – glazing compound	Positive 2% Chrysotile	MPG
10	POINT COUNT RESUT	Trace 0.75% Chrysotile	MPG
11	2nd floor – west room – on west window – glazing compound	Trace <1% Chrysotile	MPG
11	POINT COUNT RESUT	Trace <0.25% Chrysotile	MPG
12	Shed roof – east side top layer – white asphalt rolled roofing	Negative	MRRw
13	Shed roof – east side bottom layer – tar paper #3	Negative	MPT3
14	Shed roof – west side – black asphalt rolled roofing	Negative	MRRk
15	Shed roof – center – green asphalt rolled roofing	Negative	MRRg
16	House roof – south top layer – black asphalt shingle	Negative	MRSk
17	House roof – north top layer – black asphalt shingle	Negative	MRSk
18	House roof – northwest top layer – black asphalt shingle	Negative	MRSk
19	House roof – south bottom layer – red and blue asphalt shingle	Negative	MRSrb
20	House roof – north bottom layer – red and blue asphalt shingle	Negative	MRSrb
21	House roof – northwest bottom layer – red and blue asphalt shingle	Negative	MRSrb
22	**House – on roof over east porch – black tar**	**Positive 12% Chrysotile**	**MTar**
23a	1st floor – living room – west wall – joint compound	Negative	MDW
23b	1st floor – living room – west wall – drywall	Negative	MDW
24a	1st floor – dining room – east wall – joint compound	Negative	MDW
24b	1st floor – dining room – east wall – drywall	Negative	MDW
25a	1st floor – bathroom – south wall – joint compound	Negative	MDW
25b	1st floor – bathroom – south wall – drywall	Negative	MDW
26	1st floor – living room – on west wall – texture	Negative	STX
27	1st floor – dining room – on north wall – texture	Negative	STX
28	1st floor – bathroom – on west wall – texture	Negative	STX
29a	1st floor – bathroom – linoleum backing	Negative	MFLback
29b	1st floor – bathroom – under linoleum backing – yellow mastic	Negative	MFLback
30a	**1st floor – pantry – 12" green and black floor tile**	**Positive 6% Chrysotile**	**MF12gk**
30b	1st floor – pantry – under 12" green and black floor tile – yellow mastic	Negative	MF12gk
31	1st floor – kitchen under plywood – linoleum backing #2	Negative	MFLback2
32	Basement – on south venter wall – 1' x 1' pinholed ceiling tile	Negative	MSCT11P
33	2nd floor – west room – on south center wall under wood panel – gold mastic	Negative	MPMd
34	2nd floor – west room – on west window – clear caulk	Negative	MCLKc
35a	2nd floor – west room center – 1' x 1' pinholed and grooved ceiling tile	Negative	MSCT11PG
35b	2nd floor – west room center – under 1' x 1' pinholed and grooved ceiling tile – brown mastic	Negative	MSCT11PG
36	2nd floor – west room – on 2x4 on floor – tan mastic	Negative	MFMt
37	2nd floor – west room – on north wall windows – black caulk	Negative	MCLKk
38	2nd floor – south bedroom – green and tan linoleum	Negative	MFLgt

Sample #	Location and Description	Results	Homogeneous Code
39	2nd floor – south bedroom – on west wall – joint compound patch	Negative	MJC
40a	1st floor – pantry – west wall – plaster skim coat	Negative	SPl
40b	1st floor – pantry – west wall – plaster base coat	Negative	SPl
41	2nd floor – south bedroom – west wall – plaster	Negative	SPl
42a	2nd floor – east bedroom closet – north wall – plaster skim coat	Negative	SPl
42b	2nd floor – east bedroom closet – north wall – plaster base coat	Negative	SPl
43a	2nd floor – south bedroom – 1' x 1' grooved ceiling tile	Negative	MSCT11G
43b	2nd floor – south bedroom – under 1' x 1' grooved ceiling tile – brown mastic	Negative	MSCT11G
44	2nd floor – east bedroom – 9" red floor tile	Negative	MF9r
45a	2nd floor – east bedroom – on south wall – texture #2	Negative	STX2
45b	2nd floor – east bedroom – on south wall – texture #2 layer 2	Negative	STX2
46	2nd floor – east bedroom – on east wall – texture #2	Negative	STX2
47	2nd floor – east bedroom – on west wall – texture #2	Negative	STX2
48	2nd floor – east bedroom – brown and black linoleum	Negative	MFLnk

Six (6) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Tar	MTar	On Roof Over Front Porch	150 SF	Good
12" Green & Black Tile	MF12gk	1st Floor Pantry	20 SF	Good

Assumed Asbestos Containing Materials

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	Roof at Chimney	5 SF	Fair

This material was not accessible at the time of the inspection.

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	20 Windows	Fair

Note #1: The ACMs listed above are 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 the 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.

Homogeneous Material Codes

SPl	Plaster
STX	Texture 1st Floor
STX2	Texture 2nd Floor
MSS	Asphalt Shingle Siding
MPT	Tar Paper Wall
MPT2	Tar Paper House Roof
MPT3	Tar Paper Shed Roof
MRRy	Gray Asphalt Rolled Roofing
MRRw	White Asphalt Rolled Roofing
MRRk	Black Asphalt Rolled Roofing
MRRg	Green Asphalt Rolled Roofing
MPG	Glazing Compound
MRSk	Black Asphalt Shingle
MRSrb	Red & Blue Asphalt Shingle
MTar	Black Tar
MDW	Drywall/Joint Compound
MFLback	Linoleum Backing Bathroom
MFLback2	Linoleum Backing Kitchen
MFLgt	Green & Tan Linoleum
MFLnk	Brown & Black Linoleum
MF12gk	12” Green & Black Floor Tile
MF9r	9” Red Floor Tile
MSCT11P	1’ x 1’ Pinholed Ceiling Tile
MSCT11PG	1’ x 1’ Pinholed & Grooved Ceiling Tile
MSCT11G	1’ x 1’ Grooved Ceiling Tile
MPMd	Gold Wall Panel Mastic
MCLKc	Clear Caulk
MCLKk	Black Caulk
MFMt	Tan Floor Mastic
MJC	Joint Compound Patch
TFPy	Gray Flue Packing
TFPw	White 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 2823 North 13th Street, Milwaukee, Wisconsin, took place on June 26, 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: 2823 North 13th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the interior basement block walls. Lead based paint was detected.**

Exterior: 2823 North 13th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the exterior basement block walls. Lead based paint was not detected.**

The following are the laboratory results.

Site: 2823 North 13th Street, Milwaukee, Wisconsin **Date: 6/26/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	South Center Wall	Block	Gray	0.0659
P2	Exterior	Southeast Wall	Block	Blue Gray	0.249
P3	**Basement**	**Northwest Wall**	**Block**	**Blue**	**2.39**
P4	**Basement**	**Southwest Wall**	**Block**	**Gray**	**3.95**

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 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:

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

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 2nd Floor West Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

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

N/A	Mercury Flame Sensors by pilot lights
N/A	Manometers, Thermometers, Gauges
N/A	Pressure-trol
N/A	Float or Level Controls
3	Space Heaters – 2nd Floor West Room

ELECTRICAL SYSTEMS – 1 Electric Meter in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
3	Junk Auto Tires – Back Yard, Shed
N/A	Junk Vehicles

* 5 Quarts Motor Oil, 2 Quarts Pesticide, 3 Cans Spray Paint, 3 Gallons Paint, 1 Spray Can Water Proofer, 1 Quart Gunk, 1 Pint Cutting Fluid, 1 Pint Turpentine, & 1 Spray Can Graffiti Remover in Shed.
* 1 Quart Motor Oil, 1 Gas Meter, & 1 Gallon Furnace Oil 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. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
002	2	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
003	3	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	60	CaCO3
006	6	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3
007	7	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
009	9	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
010	10	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3
011	11	Homogeneous	White Window Glazing	Asbestos Present Chrysotile <1	NA	CaCO3
012	12	Homogeneous	Gray Shingle	Asbestos Not Present	Glass Fiber 25	Tar Sand
013	13	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose	20	Tar
015	15	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
016	16	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
017	17	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
018	18	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
019	19	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
020	20	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	30	Tar Sand

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
022	22	Homogeneous	Black Sealant	Asbestos Present Chrysotile 12	NA	Tar
023	23	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
024	24	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
025a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
026	26	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
027	27	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
028	28	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
029	29	Layered	Tan Sheet Vinyl Backing	Asbestos Not Present	Cellulose 90	Binder
029a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	30	Layered	Green Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
030a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031	31	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 10	Glue CaCO3
032	32	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
033	33	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
034	34	Homogeneous	Clear Caulk	Asbestos Not Present	NA	Silicone

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
035a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
036	36	Homogeneous	Tan Mastic	Asbestos Not Present	NA	CaCO3 Binder
037	37	Homogeneous	Black Putty	Asbestos Not Present	Cellulose 2 Synthetic 10	Binder
038	38	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 25	Tar CaCO3
039	39	Homogeneous	White Insulation	Asbestos Not Present	NA	Foam
040	40	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040a		Layered	Gray Plaster	Asbestos Not Present	Hair 2	Sand Gypsum
041	41	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 5 Hair 5	CaCO3 Gypsum Sand
042	42	Layered	Cream Plaster	Asbestos Not Present	NA	CaCO3 Sand Gypsum
042a		Layered	Gray Plaster	Asbestos Not Present	Cellulose 5 Hair 5	CaCO3 Sand Gypsum
043	43	Layered	Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Perlite Paint
043a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296162
Account Number: B929
Date Received: 06/28/2018
Received By: Travis Miller
Date Analyzed: 07/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
044	44	Homogeneous	Red Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
045	45	Layered	White Texture	Asbestos Not Present	NA	CaCO3
045a		Layered	Tan Texture	Asbestos Not Present	Wollastonite <1	CaCO3 Paint
046	46	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
047	47	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
048	48	Homogeneous	Blue/Brown Linoleum	Asbestos Not Present	Cellulose 35	Tar CaCO3 Vinyl

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	296162	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	06/28/2018		
Received By:	Travis Miller		
Date Analyzed:	07/06/2018	Project:	DNS
Analyzed By:	Cristal Veech	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2823

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

Cristal Veech

Cristal Veech, Analyst

7/6/2018

Date of Report

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

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	296162
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2823
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	6/27/18 1700	FedEx		6-28-18 9:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

PCM	
☐	NIOSH 7400

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

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

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

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

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	291102
Accept	Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	X				
12	12					
13	13					
14	14					
15	15					
16	16					
17	17					
18	18					
19	19					
20	20					
21	21					
22	22					
23	23					
24	24					
25	25					
26	26					
27	27					
28	28					
29	29					
30	30	☑				

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	2011162
Accept	Reject

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

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

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 297617
Account Number: B929
Date Received: 08/07/2018
Received By: Katie Davis
Date Analyzed: 08/08/2018
Analyzed By: Cassie Sanborn
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 296162
Project Location: Milwaukee, WI
Project Number: 18-400-024.2823

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	10	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 0.75 400 Point Count	NA	CaCO3
002	11	Homogeneous	White Window Glazing	Asbestos Present Chrysotile <0.25 400 Point Count	NA	CaCO3

Cassie Sanborn, Analyst

8/8/2018
Date of Report

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	2071617
	Accept / Reject

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2823
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	8/7/18 935	Email		8-7-18 9:35

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

PCM	
☐	NIOSH 7400

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

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

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	10	☑				Quantem Lab No. 296162
2	11	☑				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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

X. LEAD LABORATORY RESULTS

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 296150
Date Received: 06/28/18
Received By: Travis Miller
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 07/06/18

AIHA ID: 101352

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

Acct. No.: B929

Project: DNS
Location: Milwaukee, WI
Project No.: 18-400-024.2823

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0659	0.00499	%	07/03/18 14:34	P EPA 7000B (1)
002	P2	Paint	Lead	0.249	0.00499	%	07/03/18 14:34	P EPA 7000B (1)
003	P3	Paint	Lead	2.39	0.00498	%	07/03/18 14:34	P EPA 7000B (1)
004	P4	Paint	Lead	3.95	0.0049	%	07/03/18 14:34	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

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	29617
Accept	Reject

Contact Information		Project Information		Report Results (☑ one box)	
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS		✔	QuanTEM Website
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI			Other email
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.2823			

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	6/27/18 1700	FedEx	[signature] 6/28 9:9	

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: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2	P2													
3	P3													
4	P4													
5														
6														
7														
8														
9														
10														
11														
12														

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
✔	5 - Day

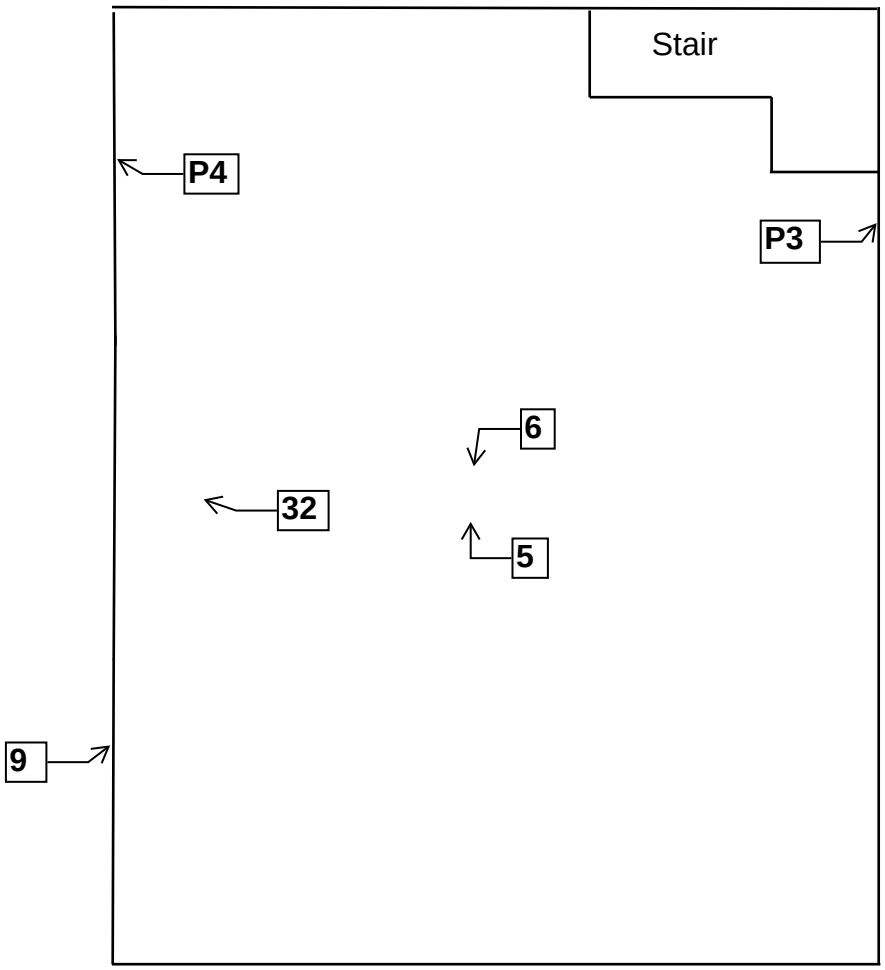
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin

N

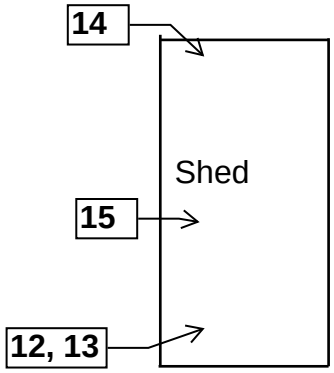
Basement Floor Plan

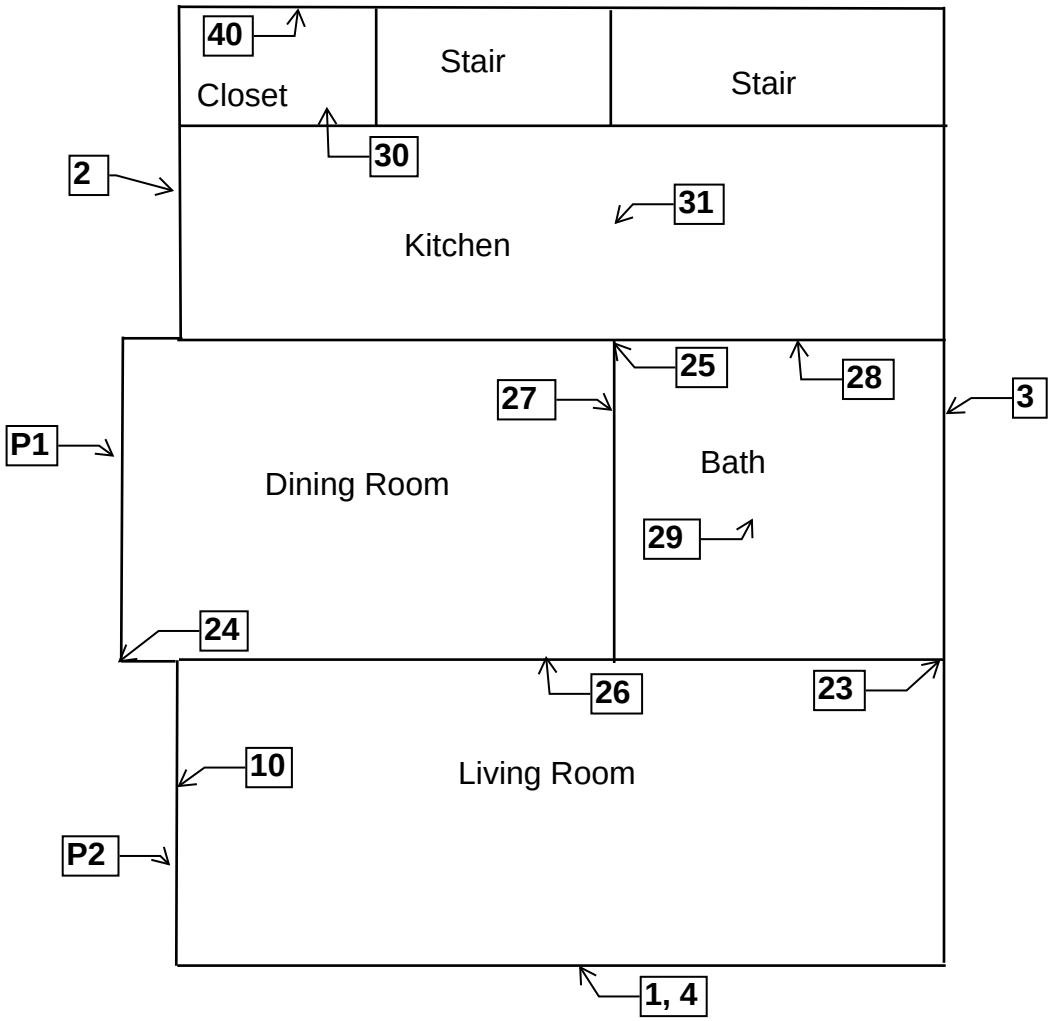


One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin

N

1st Floor Plan

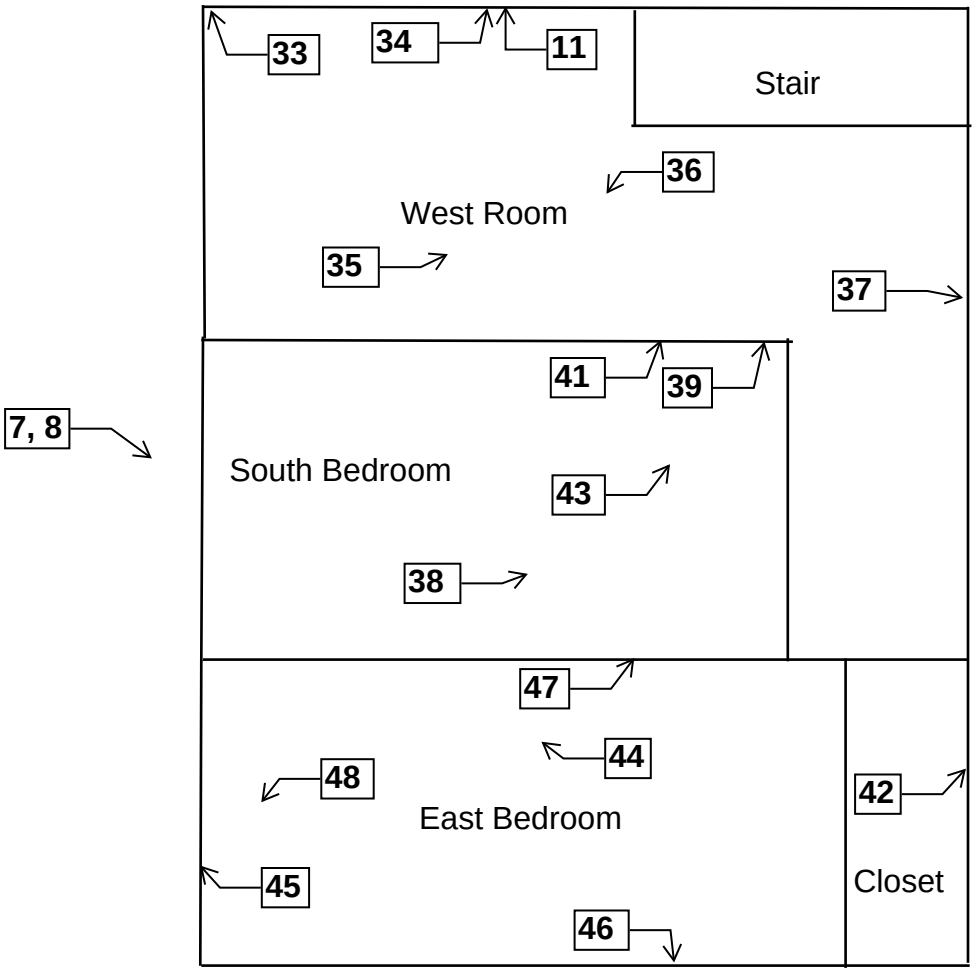




One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin

N

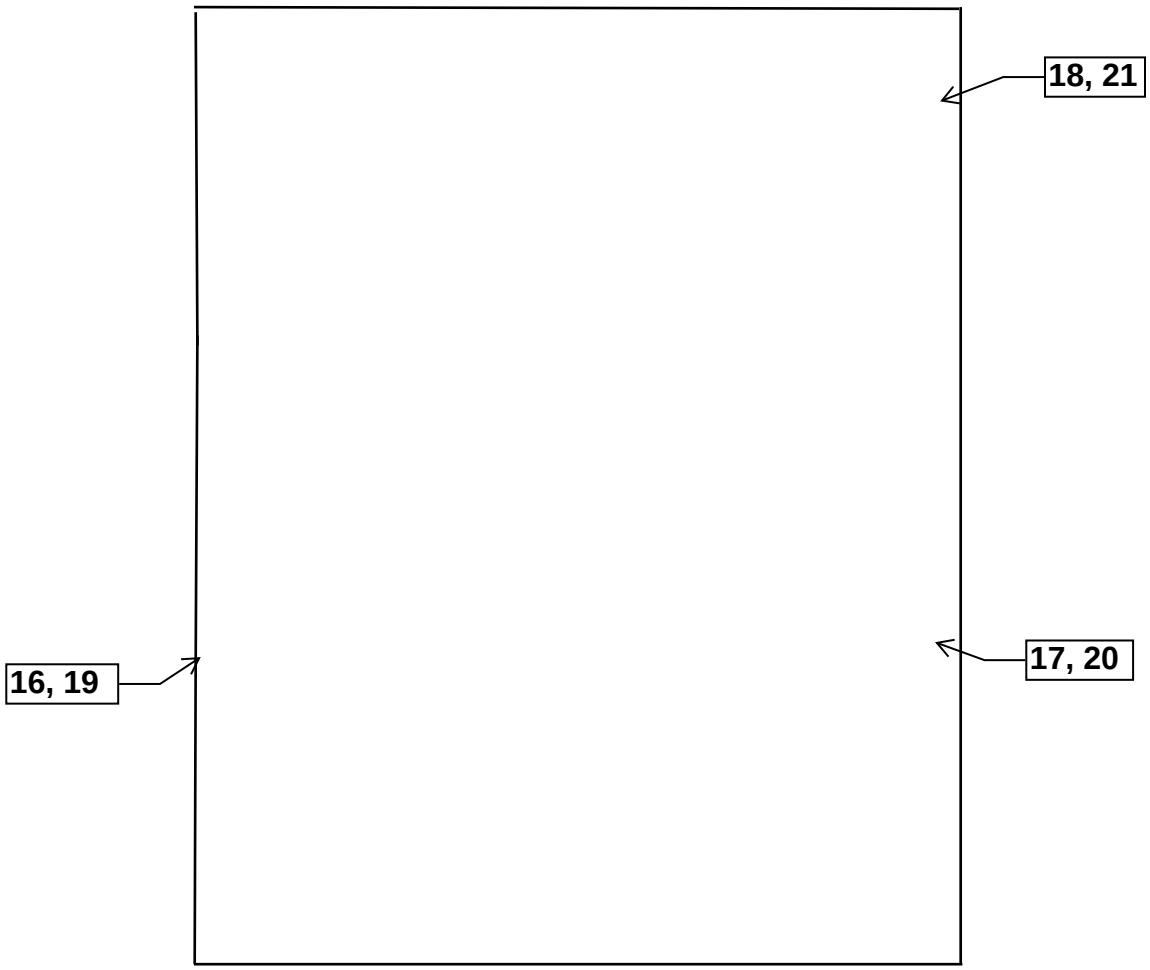
2nd Floor Plan



One Family Dwelling
2823 North 13th Street
Milwaukee, Wisconsin

N

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

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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

Congratulations! Your new Wisconsin certification card is enclosed. Call us right away if anything on your blue card is wrong.

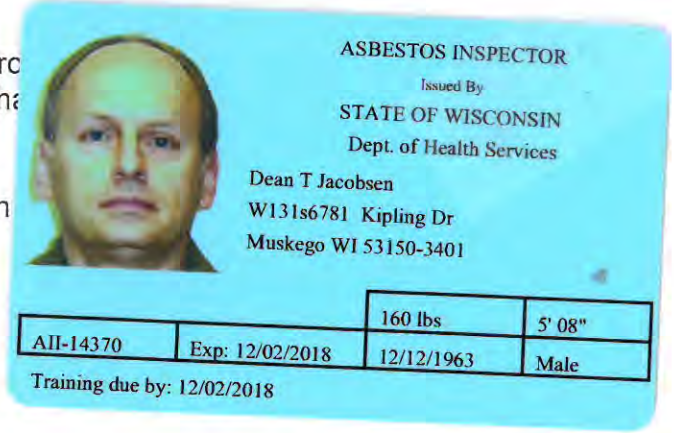
Follow Wisconsin law by making sure that you:

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date.
     Find lead training providers at 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 or 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 ha
below and on the back of your blue card.



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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2950 North 13th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.2950
Inspector: Jazmin Spears
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
2950 North 13th Street
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/20
Harenda Management Group

July 6, 2020

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

RE: Pre-Demolition Inspection Report
2950 North 13th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 2950 North 13th 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 at 2950 North 13th 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 exterior caulk and in window glazing compound, as verified by point count analysis. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 2950 North 13th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has aluminum and wood siding and 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 June 15, 2020, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2950 North 13th 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 building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Paper insulation
- Fiberboard
- Caulk
- Window glazing compound
- Drywall
- Plaster
- Blown in insulation
- Linoleum
- Flue packing
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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 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 VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
4	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
5	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
6	Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
7	Exterior – around west window – cream caulk	Positive 2% Chrysotile	MCLKw
7	Point Count Result	Trace 0.5% Chrysotile	MCLKw
8	Exterior – around north window – cream caulk	Positive 2% Chrysotile	MCLKw
8	Point Count Result	Trace 0.75% Chrysotile	MCLKw

Sample #	Location and Description	Results	Homogeneous Code
9	Exterior – around east window – cream caulk	Positive 2% Chrysotile	MCLKw
9	Point Count Result	Trace 0.5% Chrysotile	MCLKw
10	Basement – on east window – glazing compound	Positive 2% Chrysotile	MPG
10	Point Count Result	Trace 0.5% Chrysotile	MPG
11	Basement – on north window – glazing compound	Positive 2% Chrysotile	MPG
11	Point Count Result	Trace 0.25% Chrysotile	MPG
12	Basement – on west window – glazing compound	Positive 2% Chrysotile	MPG
12	Point Count Result	Trace 0.75% Chrysotile	MPG
13	1st floor – north bedroom – north wall – drywall	Negative	MDW
14	1st floor – kitchen – ceiling – drywall	Negative	MDW
15	1st floor – north bedroom – east wall – drywall	Negative	MDW
16a	1st floor – front entry – north wall – plaster base coat	Negative	SPl
16b	1st floor – front entry – north wall – plaster skim coat	Negative	SPl
17a	1st floor – dining room – south wall – plaster base coat	Negative	SPl
17b	1st floor – dining room – south wall – plaster skim coat	Negative	SPl
18a	1st floor – kitchen – west wall – plaster base coat	Negative	SPl
18b	1st floor – kitchen – west wall – plaster skim coat	Negative	SPl
19a	1st floor – east bedroom – east wall – plaster base coat	Negative	SPl
19b	1st floor – east bedroom – east wall – plaster skim coat	Negative	SPl
20a	2nd floor – hall – east wall – plaster base coat	Negative	SPl
20b	2nd floor – hall – east wall – plaster skim coat	Negative	SPl
21a	2nd floor – bathroom – west wall – plaster base coat	Negative	SPl
21b	2nd floor – bathroom – west wall – plaster skim coat	Negative	SPl
22a	2nd floor – north bedroom – north wall – plaster base coat	Negative	SPl
22b	2nd floor – north bedroom – north wall – plaster skim coat	Negative	SPl
23	1st floor – living room – in north wall – blown in insulation	Negative	MBI
24	2nd floor – bathroom – in east wall – blown in insulation	Negative	MBI
25	2nd floor – living room – in south wall – blown in insulation	Negative	MBI
26a	2nd floor – rear stair – on steps – brown linoleum	Negative	MFLn
26b	2nd floor – rear stair – on steps – under brown linoleum – tan mastic	Negative	MFLn
27	Basement – on chimney – flue packing	Negative	TFP

None of the materials sampled contain more than 1% asbestos.

Two (2) of the materials sampled contain less than 1% asbestos, as verified by point count analysis, and are not ACMs:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Cream Caulk	MCLKc	Exterior Around 2nd Floor Windows & Doors	22 Windows & 2 Doors	Category II Non-Friable
Window Glazing Compound	MPG	On Basement Windows	8 Windows	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Building Roof	1,000 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Entry/Kitchen/Bathroom 2nd Floor Hall/Bathroom/Kitchen	320 SF	Category I Non-Friable

Note #1: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
MPIt	Tan Paper Insulation
MFB	Fiberboard
MCLKc	Cream Caulk
MPG	Window Glazing Compound
MDW	Drywall
MBI	Blown in Insulation
MFLn	Brown Linoleum
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 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 5 Gallons Paint 2nd Floor Living Room

VIII. ASBESTOS 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

Attn:

Order #: 375560

Received 06/26/20
Analyzed 06/26/20
Reported 06/29/20

Project:
Location: Wisconsin
Number: 20-400-020.2950

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
375560-001	06/15/20	1	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375560-002	06/15/20	2	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375560-003	06/15/20	3	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375560-004	06/15/20	4	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
375560-005	06/15/20	5	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
375560-006	06/15/20	6	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
375560-007	06/15/20	7	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375560-008	06/15/20	8	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	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: 20-400-020.2950

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
375560-009	06/15/20	9	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375560-010	06/15/20	10	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375560-011	06/15/20	11	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375560-012	06/15/20	12	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375560-013	06/15/20	13	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
375560-014	06/15/20	14	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
375560-015	06/15/20	15	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
375560-016	06/15/20	16	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-017	06/15/20	17	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% 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: 20-400-020.2950

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
375560-018	06/15/20	18	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-019	06/15/20	19	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-020	06/15/20	20	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-021	06/15/20	21	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-022	06/15/20	22	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375560-023	06/15/20	23	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375560-024	06/15/20	24	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 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: 20-400-020.2950

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
375560-025	06/15/20	25	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375560-026	06/15/20	26	Wisconsin		
Layer 1: Linoleum Red/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375560-027	06/15/20	27	Wisconsin		
Layer 1: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 35

375560-06/29/20 11:26 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

375560

V:\375\375560

fghraizi 6/26/2020 9:54:17 AM
UPS 1Z2E28998462047635

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ 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	20-400-020.2950				
Collected By					

Turn Around Time**

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/15/20								
2	↓								
3									
4									
5									
6									
7									
8									
9									
10	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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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**	☐ YES ☐ 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	20-400-020.2950				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/15/20								
12									
13									
14									
15									
16									
17									
18									
19									
20	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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2512 West Cary Street, Richmond, Virginia 23220-5117
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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.2950				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/15/20								
22									
23									
24									
25									
26									
27									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis
[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

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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

Attn:

Order #: 376019

Received 06/26/20
Analyzed 07/06/20
Reported 07/06/20

Project:
Location: Wisconsin
Number: 20-400-020.2950

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
376019-001	06/15/20	7	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376019-002	06/15/20	8	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
376019-003	06/15/20	9	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376019-004	06/15/20	10	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376019-005	06/15/20	11	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
376019-006	06/15/20	12	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 6

376019-07/06/20 12:50 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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.slabinc.com • info@slabinc.com

376019 X 6
V:\376\376019
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UPS

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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 375560			
Project Number	20-400-020.2950				
Collected By					

Turn Around Time **
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☐ PLM
- ☐ PLM Qualitative
- ☒ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
7	6/15/20								
8									
9									
10									
11									
12									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis
[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/1/20 740

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

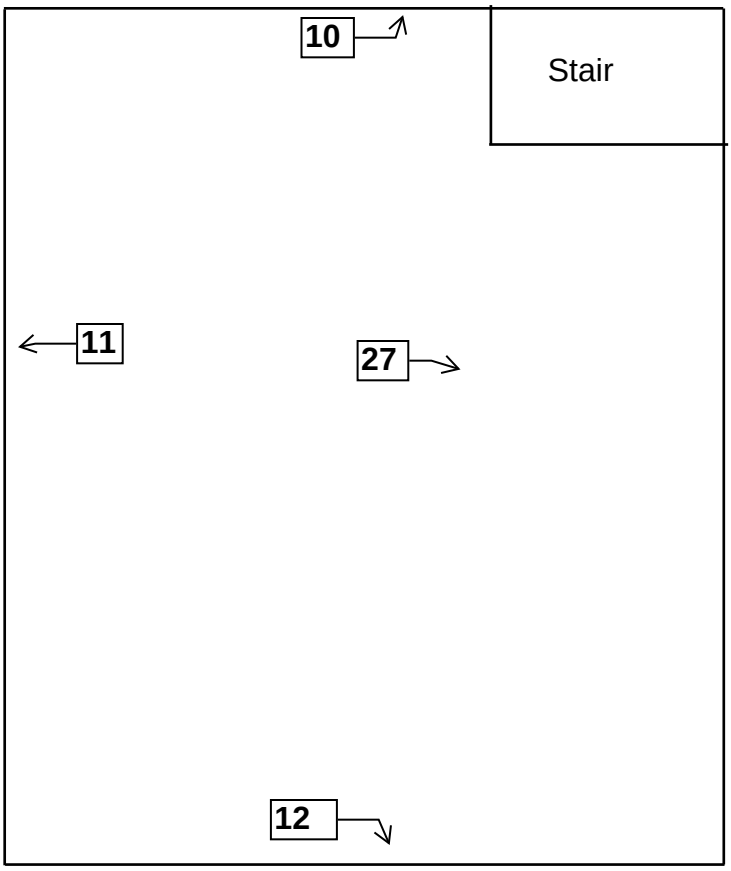
Chain-of-Custody documentation continued internally. Terms and conditions page 2

IX. FLOOR PLANS

Two Family Dwelling
2950 North 13th Street
Milwaukee, Wisconsin

N

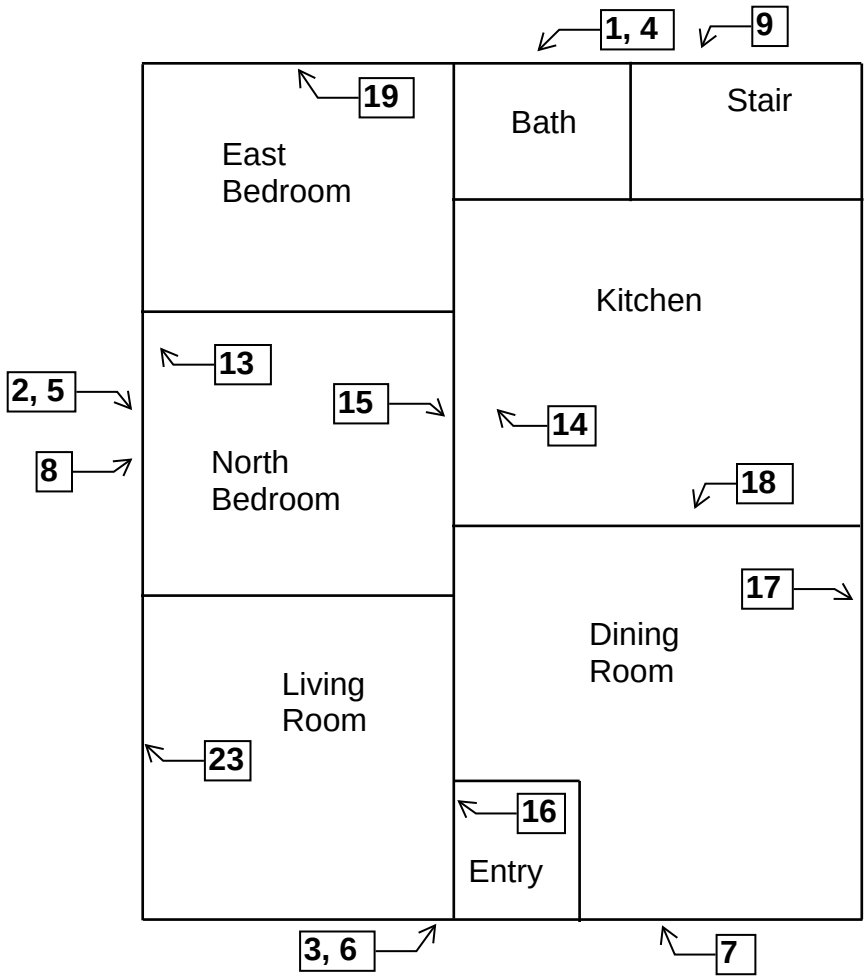
Basement Floor Plan



Two Family Dwelling
2950 North 13th Street
Milwaukee, Wisconsin

N

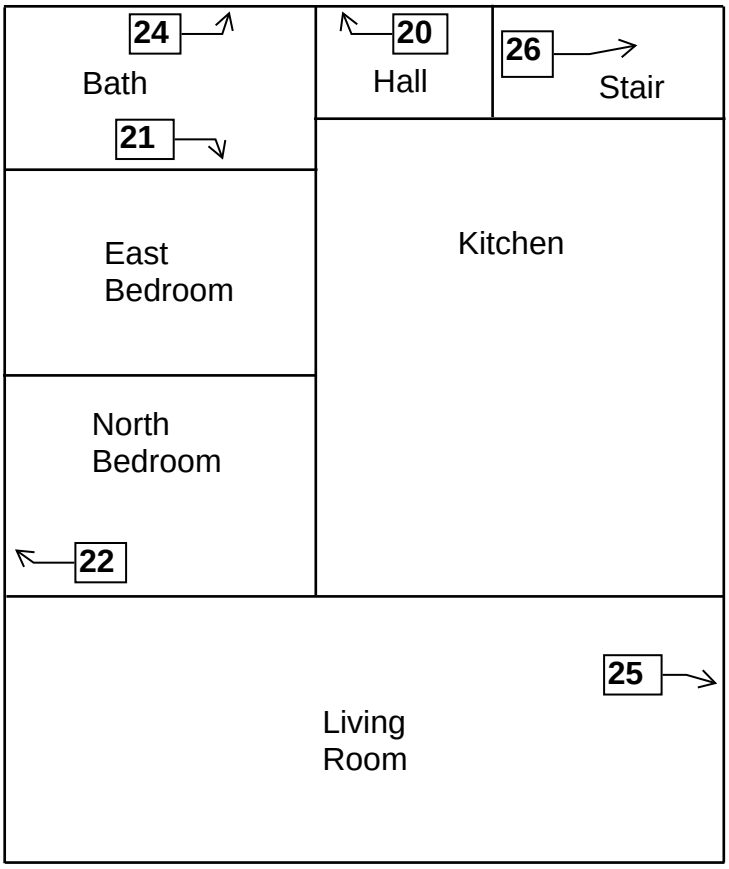
1st Floor Plan



Two Family Dwelling
2950 North 13th Street
Milwaukee, Wisconsin

N

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: 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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
3030 North 13th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.3030
Inspector: Dean Jacobsen
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
3030 North 13th Street
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

July 6, 2020

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

RE: Pre-Demolition Inspection Report
3030 North 13th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling and garage at 3030 North 13th 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 3030 North 13th 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 duct wrap, basement cardboard pipe insulation and fittings, and in rear stairwell and 2nd floor kitchen linoleum sampled during the inspection. Asbestos was detected at less than 1% in interior plaster, as verified by point count analysis. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

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Pre-Demolition Inspection Report

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 3030 North 13th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has vinyl and wood siding and asphalt roofing. The garage has wood walls and metal 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 June 12, 2020, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for mechanical demolition, located at 3030 North 13th Street, Milwaukee, Wisconsin. The inspection was conducted 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Caulk
- Window glazing compound
- Drywall/joint compound
- Plaster
- Linoleum
- Duct wrap
- Fiberboard
- Flue packing
- Carboard pipe insulation
- Pipe insulation fittings
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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 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 VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tar paper	Negative	MPT
2	Exterior – south wall under wood siding – tar paper	Negative	MPT
3	Exterior – west wall under wood siding – tar paper	Negative	MPT
4	Exterior – around south window – tan caulk	Negative	MCLKt
5	Basement – on south window – glazing compound	Negative	MPG
6	1st floor – kitchen – on south window – glazing compound	Negative	MPG
7	2nd floor – northeast bedroom – on north window – glazing compound	Negative	MPG
8a	1st floor – kitchen – west wall patch – drywall	Negative	MDW
8b	1st floor – kitchen – west wall patch – joint compound	Negative	MDW
11a	1st floor – kitchen – ceiling – plaster base coat	Positive 2% Chrysotile	SPl
11a	Point Count Result	Trace 0.75% Chrysotile	SPl

Sample #	Location and Description	Results	Homogeneous Code
11b	1st floor – kitchen – ceiling – plaster skim coat	Negative	SPl
11a	1st floor – kitchen – ceiling – plaster base coat	Positive 2% Chrysotile	SPl
12a	Point Count Result	Trace 0.75% Chrysotile	SPl
12b	1st floor – northwest bedroom – west wall – plaster skim coat	Negative	SPl
11a	1st floor – kitchen – ceiling – plaster base coat	Positive 2% Chrysotile	SPl
13a	Point Count Result	Trace 0.5% Chrysotile	SPl
13b	2nd floor – kitchen – ceiling – plaster skim coat	Negative	SPl
11a	1st floor – kitchen – ceiling – plaster base coat	Positive 2% Chrysotile	SPl
14a	Point Count Result	Trace 0.75% Chrysotile	SPl
14b	2nd floor – northeast bedroom – ceiling – plaster skim coat	Negative	SPl
15a	2nd floor – living room – south wall – plaster base coat	Positive 2% Chrysotile	SPl
15a	Point Count Result	Trace 0.5% Chrysotile	SPl
15b	2nd floor – living room – south wall – plaster skim coat	Negative	SPl
16a	1st floor – kitchen – center 5th layer – tan and yellow linoleum	Negative	MFLtl
16b	1st floor – kitchen – center 5th layer – under tan and yellow linoleum – brown mastic	Negative	MFLtl
17a	1st floor – kitchen – northwest 5th layer – tan and yellow linoleum	Negative	MFLtl
17b	1st floor – kitchen – northwest 5th layer – under tan and yellow linoleum – brown mastic	Negative	MFLtl
18a	1st floor – kitchen – east side 5th layer – tan and yellow linoleum	Negative	MFLtl
18b	1st floor – kitchen – east side 5th layer – under tan and yellow linoleum – brown mastic	Negative	MFLtl
19	**1st floor – kitchen – on east wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
20	**Basement – on return near west wall – duct wrap**	**Positive 60% Chrysotile**	**TDW**
21	**2nd floor – northeast bedroom closet – on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
22a	Basement – stair – on upper 4 steps – beige and pink linoleum	Negative	MFLep
22b	Basement – stair – on upper 4 steps – under beige and pink linoleum – brown mastic	Negative	MFLep
23a	Basement – stair – on steps under stair tread – beige and blue linoleum	Negative	MFLeb
23b	Basement – stair – on steps under stair tread – under beige and blue linoleum – brown mastic	Negative	MFLeb
24a	Basement – stair – on lower 4 steps under stair tread – beige and gold linoleum	Negative	MFLed
24b	Basement – stair – on lower 4 steps under stair tread – under beige and gold linoleum – tan mastic	Negative	MFLed
25	Basement – southeast room – west wall – fiberboard	Negative	MFB
26	Basement – southeast room – north wall – fiberboard	Negative	MFB
27	Basement – southeast room – ceiling – fiberboard	Negative	MFB

Sample #	Location and Description	Results	Homogeneous Code
28a	Basement – northeast area – cream and red linoleum	Negative	MFLcr
28b	Basement – northeast area – under cream and red linoleum – tan mastic	Negative	MFLcr
29a	Basement – southwest area – cream and red linoleum	Negative	MFLcr
29b	Basement – southwest area – under cream and red linoleum – tan mastic	Negative	MFLcr
30a	Basement – northwest area – cream and red linoleum	Negative	MFLcr
30b	Basement – northwest area – under cream and red linoleum – tan mastic	Negative	MFLcr
31	Basement – on south side of chimney – gray flue packing	Negative	TFPy
32	Basement – on north side of chimney – light gray flue packing	Negative	TFPylight
33	Basement – on west side of chimney – dark gray flue packing	Negative	TFPydark
34a	**Basement – southwest area – near west wall - <5" diameter cardboard pipe insulation white layer**	**Positive 60% Chrysotile**	**TC5**
34b	Basement – southwest area – near west wall - <5" diameter cardboard pipe insulation tan layer	Negative	TC5
34c	Basement – southwest area – near west wall - <5" diameter cardboard pipe insulation inner layer	Negative	TC5
35a	**Basement – southwest area – west center - <5" diameter cardboard pipe insulation white layer**	**Positive 60% Chrysotile**	**TC5**
35b	Basement – southwest area – west center - <5" diameter cardboard pipe insulation tan layer	Negative	TC5
35c	Basement – southwest area – west center - <5" diameter cardboard pipe insulation inner layer	Negative	TC5
36a	Basement – southwest area – near south wall - <5" diameter cardboard pipe insulation tan layer	Negative	TC5
36b	Basement – southwest area – near south wall - <5" diameter cardboard pipe insulation inner layer	Negative	TC5
37	**Basement – southwest area – near south wall - <5" diameter pipe insulation fitting**	**Positive 60% Chrysotile**	**TF5**
39a	**1st floor – rear stair landing – brown and gold linoleum**	**Positive 20% Chrysotile**	**MFLnd**
39b	1st floor – rear stair landing – under brown and gold linoleum – brown mastic	Negative	MFLnd
40a	**2nd floor – kitchen – east side 3rd layer – brown and gold linoleum**	**Positive 20% Chrysotile**	**MFLnd**
40b	2nd floor – kitchen – east side 3rd layer – under brown and gold linoleum – brown mastic	Negative	MFLnd
41a	**2nd floor – kitchen – south side 3rd layer – brown and gold linoleum**	**Positive 20% Chrysotile**	**MFLnd**
41b	2nd floor – kitchen – south side 3rd layer – under brown and gold linoleum – brown mastic	Negative	MFLnd
42a	2nd floor – kitchen – east side top layer – tan and gray linoleum	Negative	MFLty
42b	2nd floor – kitchen – east side top layer – under tan and gray linoleum – tan mastic	Negative	MFLty
43a	2nd floor – kitchen – south side top layer – tan and gray linoleum	Negative	MFLty
43b	2nd floor – kitchen – south side top layer – under tan and gray linoleum – tan mastic	Negative	MFLty
44a	2nd floor – kitchen – west side top layer – tan and gray linoleum	Negative	MFLty

Sample #	Location and Description	Results	Homogeneous Code
44b	2nd floor – kitchen – west side top layer – under tan and gray linoleum – tan mastic	Negative	MFLty
45a	2nd floor – kitchen – northeast 4th layer – tan linoleum	Negative	MFLt
45b	2nd floor – kitchen – northeast 4th layer – under tan linoleum – tan mastic	Negative	MFLt
46a	2nd floor – kitchen – east side 4th layer – tan linoleum	Negative	MFLt
46b	2nd floor – kitchen – east side 4th layer – under tan linoleum – tan mastic	Negative	MFLt
47a	2nd floor – kitchen – south side 4th layer – tan linoleum	Negative	MFLt
47b	2nd floor – kitchen – south side 4th layer – under tan linoleum – tan mastic	Negative	MFLt
48a	2nd floor – kitchen – west side – tan and brown linoleum	Negative	MFLtn
48b	2nd floor – kitchen – west side – under tan and brown linoleum – tan mastic	Negative	MFLtn
49a	2nd floor – northwest bedroom – gray and red linoleum	Negative	MFLyr
49b	2nd floor – northwest bedroom – Under gray and red linoleum – tan mastic	Negative	MFLyr
50a	2nd floor – bathroom – white linoleum	Negative	MFLw
50b	2nd floor – bathroom – under white linoleum – tan mastic	Negative	MFLw
51	2nd floor – bathroom – on tub – cream caulk	Negative	MCLKc
52a	2nd floor – living room – tan and beige linoleum	Negative	MFLte
52b	2nd floor – living room – under tan and beige linoleum – tan mastic	Negative	MFLte

Four (4) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1st & 2nd Floor Walls, Basement on 3 Boots & West Return Under Fiberglass, Attic Ducts	180 SF	Friable
<5” Diameter Cardboard Pipe Insulation	TC5	Basement Southwest on Water Pipes	45 LF	Friable
<5” Diameter Pipe Insulation Fitting	TF5	Basement Southwest on Water Pipes	3 Fittings	Friable
Brown & Gold Linoleum	MFLnd	Rear Stair Landings, 2nd Floor Kitchen Under Tan & Gray Linoleum & Plywood	260 SF	Friable

One of the materials sampled contains less than 1% asbestos, as verified by point count analysis, and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Plaster	SPl	Walls & Ceilings in 1st & 2nd Floor Rooms, Plaster in Fire Debris on Floors	5,200 SF	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House Roof	1,700 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Kitchen/Pantry, 2nd Floor Pantry, Basement Stair	420 SF	Category I Non-Friable

Note #1: The duct wrap, cardboard pipe insulation, fittings, and brown and gold linoleum are friable asbestos containing materials and meet the definition of regulated asbestos containing material (RACM) in NR 447 The 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 the duct wrap, cardboard pipe insulation, fittings, and brown and gold linoleum be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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 duct wrap, cardboard pipe insulation, and fittings may be within walls and ceilings

Homogeneous Material Codes

SPl	Plaster
MPT	Tar Paper
MPIs	Silver Paper Insulation
MCLKt	Tan Caulk
MCLKc	Cream Caulk
MPG	Window Glazing Compound
MCTMt	Tan Ceramic Tile
MCTMn	Brown Ceramic Tile
MDW	Drywall/Joint Compound
MFLtl	Tan & Yellow Linoleum
MFLep	Beige & Pink Linoleum
MFLeb	Beige & Blue Linoleum
MFLed	Beige & Gold Linoleum
MFLcr	Cream & Red Linoleum
MFLnd	Brown & Gold Linoleum
MFLty	Tan & Gray Linoleum
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MFLyr	Gray & Red Linoleum
MFLw	White Linoleum
MFLtc	Tan & Cream Linoleum
MFB	Fiberboard
TDW	Duct Wrap
TC5	<5” Diameter Cardboard Pipe Insulation
TF5	<5” Diameter Pipe Insulation Fitting
TFPy	Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TFPylight	Light Gray Flue Packing

V. EXCLUSIONS

1st floor bathroom and living room floors buried in fire debris and not accessible. All other floors covered with fire debris and only partially accessible. Garage interior full of furniture and boxes and not accessible. Not all areas within dwelling 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

2	Fluorescent Lights – 1st Floor Kitchen, 2nd Floor Northwest Bedroom
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters in Basement

VIII. ASBESTOS 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

Attn:

Order #: 375490

Received 06/26/20
Analyzed 06/29/20
Reported 06/30/20

Project:
Location: Wisconsin
Number: 20-400-020.3030

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
375490-001	06/12/20	1	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-002	06/12/20	2	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-003	06/12/20	3	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-004	06/12/20	4	Wisconsin		
Layer 1: Soft Material Green, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-005	06/12/20	5	Wisconsin		
Layer 1: Brittle Material Gray/Green, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-006	06/12/20	6	Wisconsin		
Layer 1: Granular Material Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
375490-007	06/12/20	7	Wisconsin		
Layer 1: Granular Material Beige/Gray, 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: 20-400-020.3030

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
375490-008	06/12/20	8	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
375490-009	06/12/20	11	Wisconsin		
Layer 1: Plaster Gray, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-010	06/12/20	12	Wisconsin		
Layer 1: Plaster Gray, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-011	06/12/20	13	Wisconsin		
Layer 1: Plaster Gray, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-012	06/12/20	14	Wisconsin		
Layer 1: Plaster Gray, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-013	06/12/20	15	Wisconsin		
Layer 1: Plaster Gray, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Brittle				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: 20-400-020.3030

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
375490-014	06/12/20	16	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-015	06/12/20	17	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-016	06/12/20	18	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-017	06/12/20	19	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
375490-018	06/12/20	20	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
375490-019	06/12/20	21	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 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: 20-400-020.3030

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
375490-020	06/12/20	22	Wisconsin		
Layer 1: Tile Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-021	06/12/20	23	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
375490-022	06/12/20	24	Wisconsin		
Layer 1: Tile Beige/Tan, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-023	06/12/20	25	Wisconsin		
Layer 1: Acoustical Tile Tan, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
375490-024	06/12/20	26	Wisconsin		
Layer 1: Acoustical Tile Tan, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
375490-025	06/12/20	27	Wisconsin		
Layer 1: Acoustical Tile Tan, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL

Project:
Location: Wisconsin
Number: 20-400-020.3030

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
375490-026	06/12/20	28	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-027	06/12/20	29	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-028	06/12/20	30	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-029	06/12/20	31	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
375490-030	06/12/20	32	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
375490-031	06/12/20	33	Wisconsin		
Layer 1: Granular Material Beige, 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: 20-400-020.3030

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
375490-032	06/12/20	34	Wisconsin		
Layer 1: Fibrous Material White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% MINERAL/GLASS WOOL
Layer 3: Felt Paper Black, Fibrous/Bituminous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-033	06/12/20	35	Wisconsin		
Layer 1: Fibrous Material White, Org.Bound/Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
Layer 3: Felt Paper Black, Fibrous/Bituminous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-034	06/12/20	36	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
Layer 2: Felt Paper Black, Fibrous/Bituminous Only two layers found.				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375490-035	06/12/20	37	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
375490-036	06/12/20	39	Wisconsin		
Layer 1: Tile Beige/White, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				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: 20-400-020.3030

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
375490-037	06/12/20	40	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige/White, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Brown, Brittle					
375490-038	06/12/20	41	Wisconsin		
Layer 1: Tile				20% CHRYSOTILE	20% CELLULOSE FIBER
Beige/White, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Brown, Brittle					
375490-039	06/12/20	42	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Gray/Brown, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
375490-040	06/12/20	43	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Gray/Brown, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
375490-041	06/12/20	44	Wisconsin		
Layer 1: Tile				None Detected	35% CELLULOSE FIBER
Gray/Brown, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
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: 20-400-020.3030

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
375490-042	06/12/20	45	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-043	06/12/20	46	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-044	06/12/20	47	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-045	06/12/20	48	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-046	06/12/20	49	Wisconsin		
Layer 1: Tile Beige/Brown, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, 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: 20-400-020.3030

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
375490-047	06/12/20	50	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-048	06/12/20	51	Wisconsin		
Layer 1: Soft Material Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
375490-049	06/12/20	52	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 82

375490-06/30/20 09:07 AM

Analyst **Mohammed Hashim**

Reviewed By: **Andrew Bruner**
Approved Signatory

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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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/12/20								
2									
3									
4									
5									
6									
7									
8									
11									
12									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
13	6/12/20								
14	↓								
15									
16									
17									
18									
19									
20									
21									
22	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/2020

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
23	6/12/20								
24									
25									
26									
27									
28									
29									
30									
31									
32	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☐ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☐ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
33	6/12/20								
34									
35									
36									
37									
39									
40									
41									
42									
43									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1200

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
44	6/12/20								
45									
46									
47									
48									
49									
50									
51									
52									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/15/20 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

Order #: 376071

Attn:

Received 07/01/20
Analyzed 07/03/20
Reported 07/03/20

Project:
Location: Wisconsin
Number: 20-400-020.3030

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
376071-001	06/12/20	11	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
376071-002	06/12/20	12	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
376071-003	06/12/20	13	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376071-004	06/12/20	14	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
376071-005	06/12/20	15	Wisconsin		
Layer 1: Plaster Gray, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 5

376071-07/03/20 05:26 PM

Analyst **Senhory Abdellatif**

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.slabinc.com • info@slabinc.com

376071 S 5
V:\376\376071
afowler 7/1/2020 10:47:00 AM
Hand Delivered

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ 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	20-400-020.3030				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
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- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

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- ☒ 400 Point Count
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- ☐ Mercury
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- ☐ Total Dust NIOSH 0500
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Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/12/20		Layer 1						
12			Layer 1						
13			Layer 1						
14			Layer 1						
15			Layer 1						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis
[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters (time in min × flow in L/min)

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/12/20 1600

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

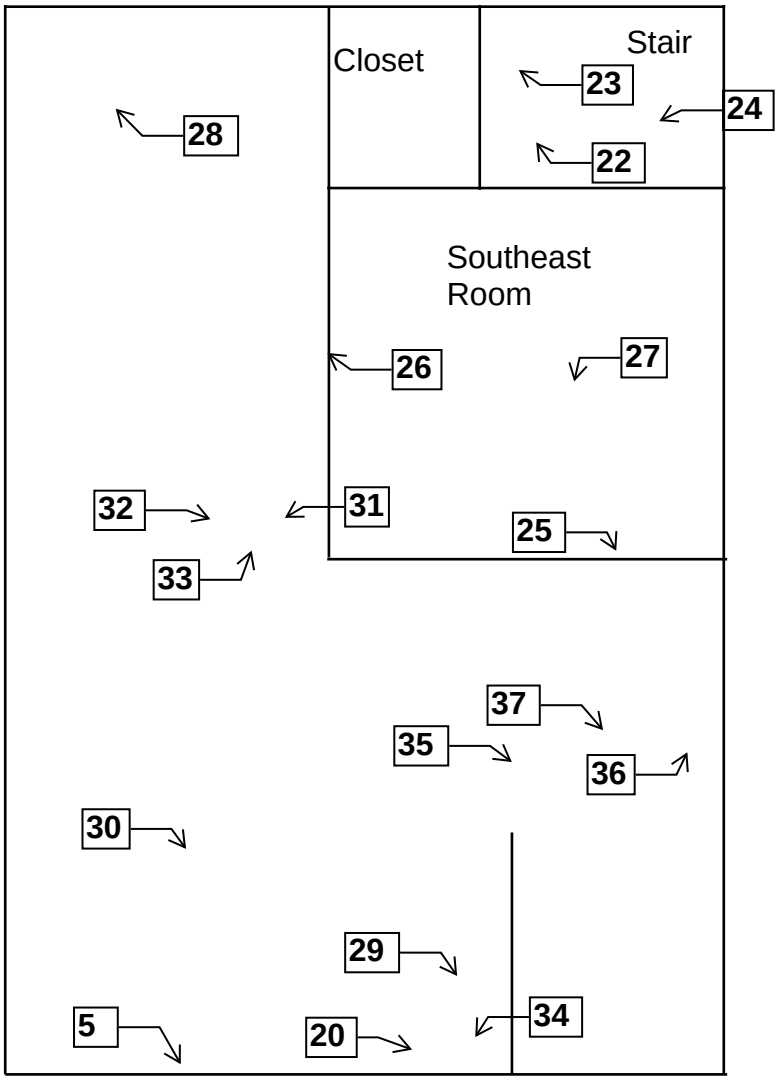
Chain-of-Custody documentation continued internally. Terms and conditions page 2

IX. FLOOR PLANS

Two Family Dwelling
3030 North 13th Street
Milwaukee, Wisconsin

N

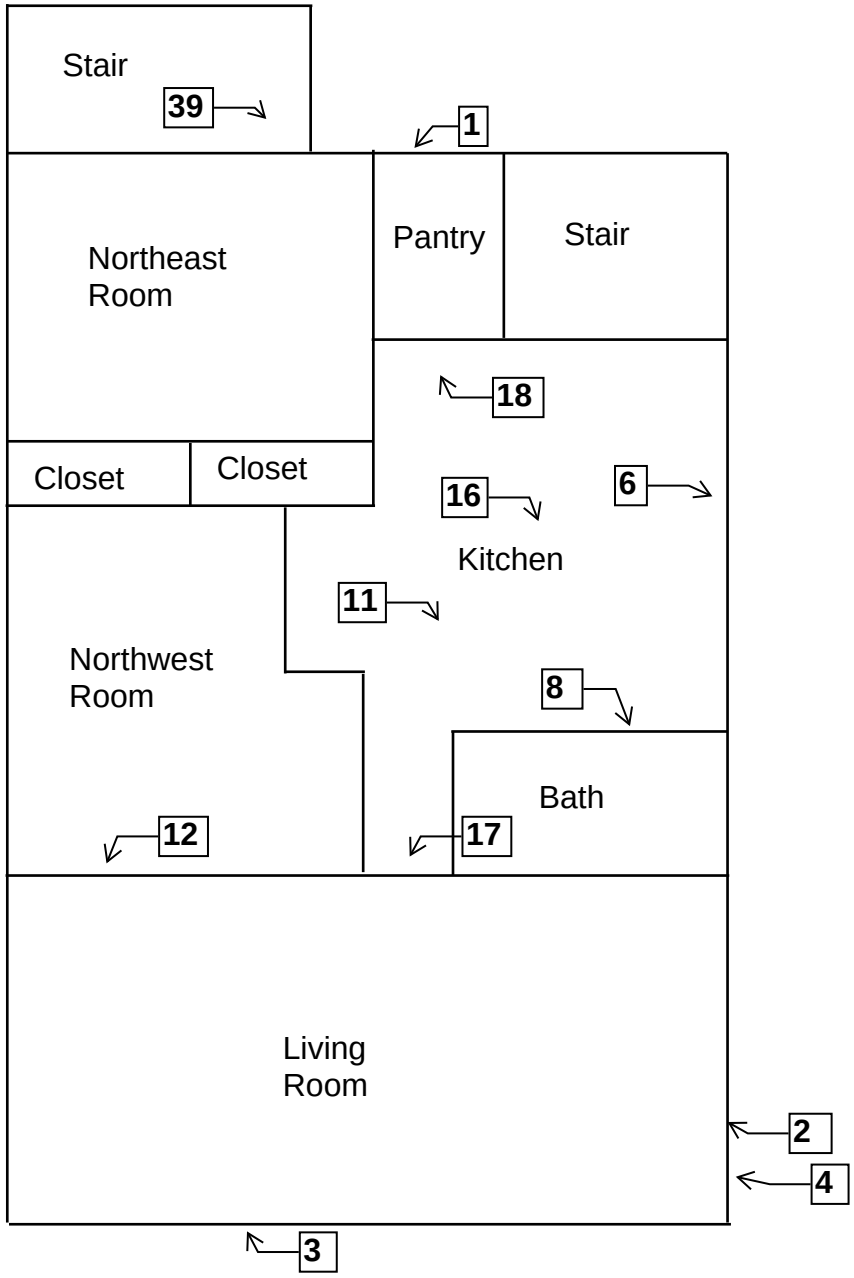
Basement Floor Plan



Two Family Dwelling
3030 North 13th Street
Milwaukee, Wisconsin

N

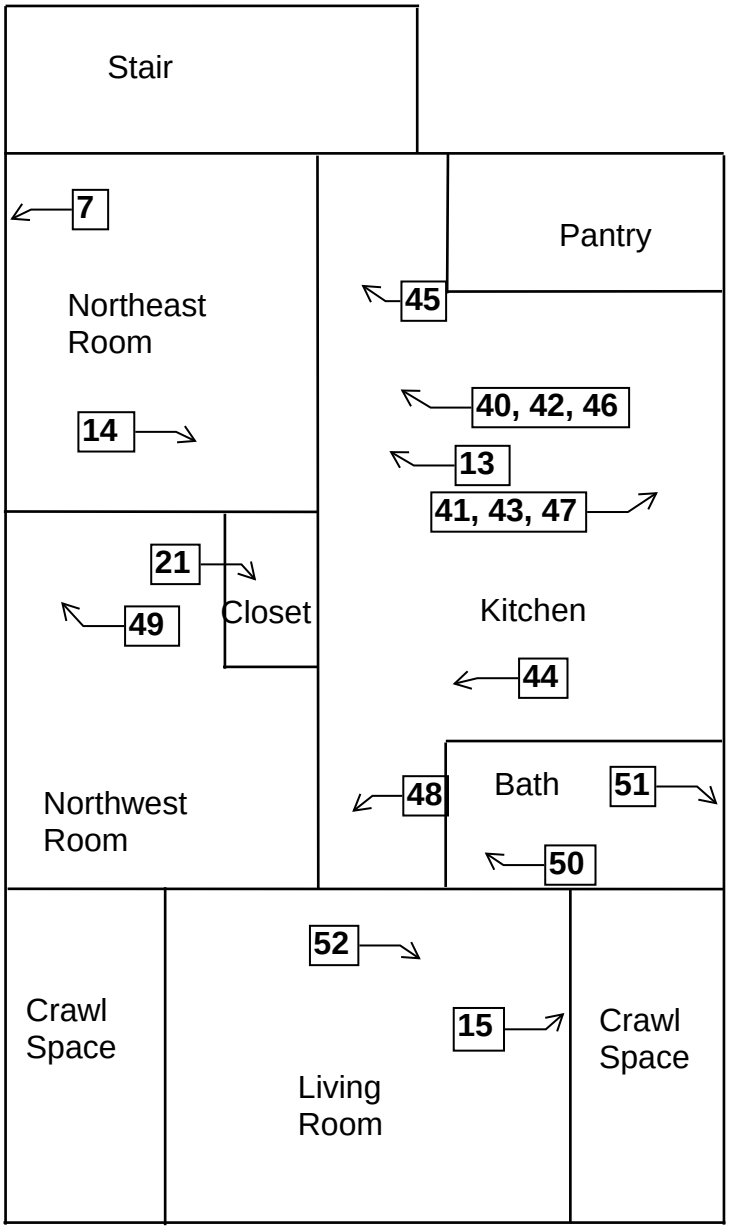
1st Floor Plan



Two Family Dwelling
3030 North 13th Street
Milwaukee, Wisconsin

N

1st 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

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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.3178
Inspector: Dean Jacobsen
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

July 22, 2020

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

RE: Pre-Demolition Inspection Report
3178 North 13th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3178 North 13th 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 at 3178 North 13th 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 attic wall tar sampled during the inspection. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 at 3178 North 13th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has vinyl and wood siding and 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 13, 2020, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3178 North 13th Street, Milwaukee, Wisconsin. The inspection was conducted 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Stucco
- Caulk
- Paper insulation
- Linoleum
- Plaster
- Texture
- Drywall/joint compound
- Ceramic tile
- Blown in insulation
- Tar paper
- Window glazing compound
- Tar
- Flue packing
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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 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 VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Basement – exterior southeast wall – stucco	Negative	STC
2	Basement – exterior northeast wall – stucco	Negative	STC
3	Basement – exterior northwest wall – stucco	Negative	STC
4	Exterior – on southeast wall – clear caulk	Negative	MCLKc
5	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
6	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
7	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
8	Exterior – on northwest wall – gray caulk	Negative	MCLKy
9a	1st floor – kitchen – north side top layer – gray linoleum	Negative	MFLy
9b	1st floor – kitchen – north side top layer – under gray linoleum – tan mastic	Negative	MFLy

Sample #	Location and Description	Results	Homogeneous Code
10a	1st floor – kitchen – west side top layer – gray linoleum	Negative	MFLy
10b	1st floor – kitchen – west side top layer – under gray linoleum – tan mastic	Negative	MFLy
11a	1st floor – bathroom – gray linoleum	Negative	MFLy
11b	1st floor – bathroom – under gray linoleum – tan mastic	Negative	MFLy
12a	1st floor – kitchen – east wall – plaster base coat	Negative	SPl
12b	1st floor – kitchen – east wall – plaster skim coat	Negative	SPl
13a	1st floor – dining room – south wall – plaster base coat	Negative	SPl
13b	1st floor – dining room – south wall – plaster skim coat	Negative	SPl
14a	1st floor – bedroom closet – south wall – plaster base coat	Negative	SPl
14b	1st floor – bedroom closet – south wall – plaster skim coat	Negative	SPl
15a	1st floor – living room – ceiling – plaster base coat	Negative	SPl
15b	1st floor – living room – ceiling – plaster skim coat	Negative	SPl
16a	2nd floor – center room – south wall – plaster base coat	Negative	SPl
16b	2nd floor – center room – south wall – plaster skim coat	Negative	SPl
16Aa	2nd floor – west bedroom - ceiling – plaster base coat	Negative	SPl
16Ab	2nd floor – west bedroom - ceiling – plaster skim coat	Negative	SPl
16Ba	Basement – southeast room – ceiling – plaster base coat	Negative	SPl
16Bb	Basement – southeast room – ceiling – plaster skim coat	Negative	SPl
17	1st floor – kitchen – on north wall – texture	Negative	STX
18	1st floor – bathroom – on ceiling – texture	Negative	STX
19	1st floor – dining room – on east wall – texture	Negative	STX
20	1st floor – bedroom – on ceiling – texture	Negative	STX
21	1st floor – living room – on north wall – texture	Negative	STX
22	2nd floor – bathroom – on east wall – texture	Negative	STX
23	2nd floor – center room – on west wall – texture	Negative	STX
24a	1st floor – bathroom – west wall – drywall	Negative	MDW
24b	1st floor – bathroom – west wall – joint compound	Negative	MDW
25a	2nd floor – east room – south wall – drywall	Negative	MDW
25b	2nd floor – east room – south wall – joint compound	Negative	MDW
26a	2nd floor – center room – ceiling – drywall	Negative	MDW
26b	2nd floor – center room – ceiling – joint compound	Negative	MDW
27	1st floor – bathroom – on tub – beige caulk	Negative	MCLKe
28a	1st floor – bathroom – on north wall – white and black ceramic tile	Negative	MCTMwk
28b	1st floor – bathroom – on north wall – under white and black ceramic tile – mortar	Negative	MCTMwk
29	1st floor – front stair – in north wall – blown in insulation	Negative	MBI
30	2nd floor – east room – in south wall – blown in insulation	Negative	MBI
31	2nd floor – center room – in floor debris – blown in insulation	Negative	MBI
32a	1st floor – rear stair – landing top layer – gray and black linoleum	Negative	MFLyk
32b	1st floor – rear stair – landing top layer – under gray and black linoleum – tan mastic	Negative	MFLyk
32c	1st floor – rear stair – landing 2nd layer – cream linoleum	Negative	MFLc
32d	1st floor – rear stair – landing 2nd layer – under cream linoleum – tan mastic	Negative	MFLc
33a	1st floor – rear stair – landing 3rd layer – tan linoleum	Negative	MFLt
33b	1st floor – rear stair – landing 3rd layer – under tan linoleum – brown mastic	Negative	MFLt
34	1st floor – rear stair – on east wall – texture #2	Negative	STX2
35	1st floor – rear stair – on north wall – texture #2	Negative	STX2
36	2nd floor – rear stair – on wet wall – texture #2	Negative	STX2

Sample #	Location and Description	Results	Homogeneous Code
37a	2nd floor – east room – 3rd layer – tar paper	Negative	MPT
37b	2nd floor – east room – 3rd layer – under tar paper – tan mastic	Negative	MPT
38a	2nd floor – bathroom – beige and black linoleum	Negative	MFLek
38b	2nd floor – bathroom – under beige and black linoleum – tan mastic	Negative	MFLek
39	2nd floor – bathroom – on north window – white caulk	Negative	MCLKw
40	2nd floor – west bedroom – on east wall – texture #3	Negative	STX3
41	2nd floor – west bedroom – on ceiling – texture #3	Negative	STX3
42	2nd floor – west bedroom – on south wall – texture #3	Negative	STX3
43	Attic – east room – on east window – glazing compound	Negative	MPG
44	**Attic – east room – on northwest wall – black tar**	**Positive 5% Chrysotile**	**MTar**
45	Basement – on chimney – flue packing	Negative	TFP
46a	Basement – on southwest wall – plaster patch base coat	Negative	SPlP
46b	Basement – on southwest wall – plaster patch skim coat	Negative	SPlP

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
Black Tar	MTar	Attic East Room on Northwest Plaster Walls	5 SF	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Building Roof	1,300 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Kitchen/Bedroom 2nd Floor East Room	500 SF	Category I Non-Friable

Note #1: The black tar is a category II non-friable asbestos containing material. It will meet the definition of a regulated asbestos containing material (RACM) in NR 447 if it has a high probability of becoming crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of 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 the black tar be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
SPlP	Plaster Patch
STX	Texture
STX2	Texture #2
STX3	Texture #3
MCLKc	Cream Caulk
MCLKy	Gray Caulk
MCLKe	Beige Caulk
MCLKw	White Caulk
MPIt	Tan Paper Insulation
MFLy	Gray Linoleum
MFLyk	Gray & Black Linoleum
MFLc	Cream Linoleum
MFLt	Tan Linoleum
MFLk	Black Linoleum
MCTMwk	White & Black Ceramic Tile
MBI	Blown in Insulation
MPT	Tar Paper
MPG	Window Glazing Compound
Mtar	Black Tar
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 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior
* 1 Water Meter in Basement

VIII. ASBESTOS 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

Attn:

Order #: 377464

Received	07/14/20
Analyzed	07/14/20
Reported	07/17/20

Project:
Location: Wisconsin
Number: 20-400-020.3178

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
377464-001	07/13/20	1	Wisconsin		
Layer 1: Hard Material Beige/Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
377464-002	07/13/20	2	Wisconsin		
Layer 1: Hard Material Beige/Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
377464-003	07/13/20	3	Wisconsin		
Layer 1: Hard Material Beige/Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
377464-004	07/13/20	4	Wisconsin		
Layer 1: Soft Material Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-005	07/13/20	5	Wisconsin		
Layer 1: Fibrous Material Tan/Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Unable to separate individual layers.					
377464-006	07/13/20	6	Wisconsin		
Layer 1: Fibrous Material Tan/Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Unable to separate individual layers.					
377464-007	07/13/20	7	Wisconsin		
Layer 1: Fibrous Material Tan/Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Unable to separate individual layers.					

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: 20-400-020.3178

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
377464-008	07/13/20	8	Wisconsin		
Layer 1: Soft Material Gray, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
377464-009	07/13/20	9	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-010	07/13/20	10	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-011	07/13/20	11	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-012	07/13/20	12	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-013	07/13/20	13	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% 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: 20-400-020.3178

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
377464-014	07/13/20	14	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-015	07/13/20	15	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-016	07/13/20	16	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-017	07/13/20	16A	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-018	07/13/20	16B	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-019	07/13/20	17	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-020	07/13/20	18	Wisconsin		
Layer 1: Brittle Material Beige/Black, Brittle				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: 20-400-020.3178

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
377464-021	07/13/20	19	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-022	07/13/20	20	Wisconsin		
Layer 1: Granular Material White/Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-023	07/13/20	21	Wisconsin		
Layer 1: Granular Material Beige/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-024	07/13/20	22	Wisconsin		
Layer 1: Granular Material White/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-025	07/13/20	23	Wisconsin		
Layer 1: Granular Material White/Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-026	07/13/20	24	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
377464-027	07/13/20	25	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
377464-028	07/13/20	26	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: 20-400-020.3178

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
377464-029	07/13/20	27	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-030	07/13/20	28	Wisconsin		
Layer 1: Tile Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
377464-031	07/13/20	29	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
377464-032	07/13/20	30	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
377464-033	07/13/20	31	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
377464-034	07/13/20	32	Wisconsin		
Layer 1: Tile Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Mastic Tan, 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: 20-400-020.3178

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
377464-035	07/13/20	33	Wisconsin		
Layer 1: Tile Beige/Green, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
377464-036	07/13/20	34	Wisconsin		
Layer 1: Granular Material White/Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-037	07/13/20	35	Wisconsin		
Layer 1: Granular Material White/Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-038	07/13/20	36	Wisconsin		
Layer 1: Granular Material White/Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-039	07/13/20	37	Wisconsin		
Layer 1: Tile Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-040	07/13/20	38	Wisconsin		
Layer 1: Tile Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
377464-041	07/13/20	39	Wisconsin		
Layer 1: Granular Material White/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-042	07/13/20	40	Wisconsin		
Layer 1: Granular Material White/Black, 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: 20-400-020.3178

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
377464-043	07/13/20	41	Wisconsin		
Layer 1: Granular Material Beige/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-044	07/13/20	42	Wisconsin		
Layer 1: Granular Material Beige/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-045	07/13/20	43	Wisconsin		
Layer 1: Granular Material Beige/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-046	07/13/20	44	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
377464-047	07/13/20	45	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
377464-048	07/13/20	46	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Brown, Soft				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 69

377464-07/17/20 09:33 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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 23220-511
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-14
www.slabinc.com • info@slabinc.com

377464 47

V:\377\377464

fghraizi 7/14/2020 9:54:56 AM
UPS 1Z2E28998464397254

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ 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	20-400-020.3178				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	7/13/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/13/20 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

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3178				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

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

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/8/20 1200

! 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**	☐ YES ☐ 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	20-400-020.3178				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
19	7/13/20								
20									
21									
22									
23									
24									
25									
26									
27									
28									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/13/20 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**	☐ YES ☐ 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	20-400-020.3178				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
29	7/13/20								
30	↓								
31									
32									
33									
34									
35									
36									
37									
38	✓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/13/2020

! 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**	☐ YES ☐ 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	20-400-020.3178				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
39	7/13/20								
40	↓								
41									
42									
43									
44									
45	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/13/2020

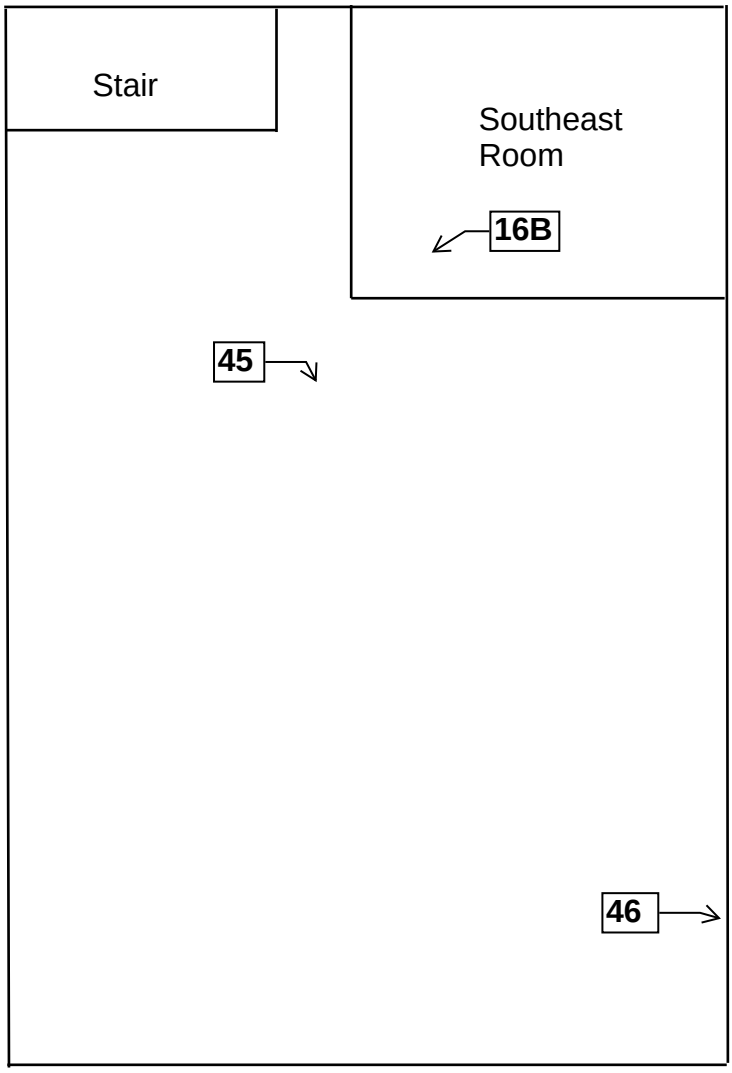
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

N

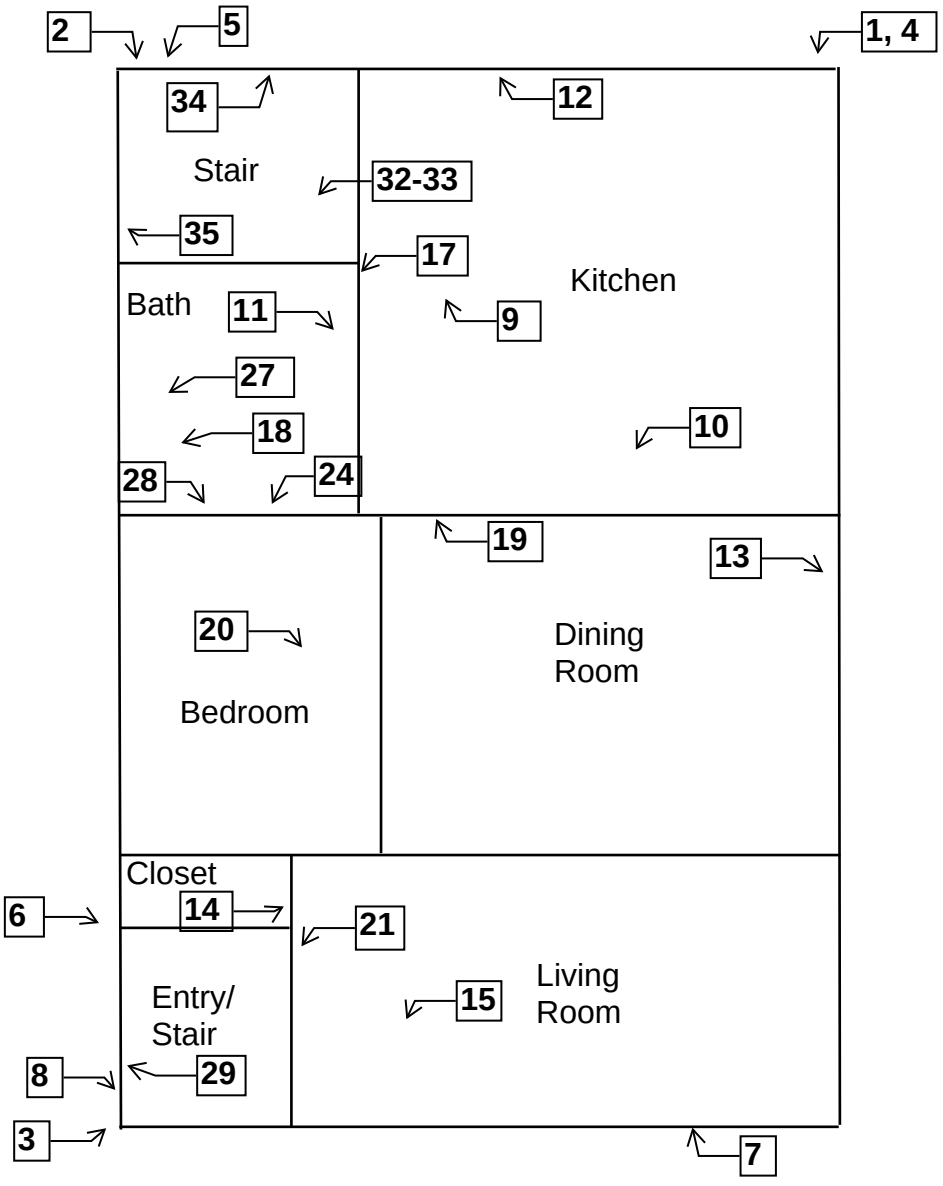
Basement Floor Plan



One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

N

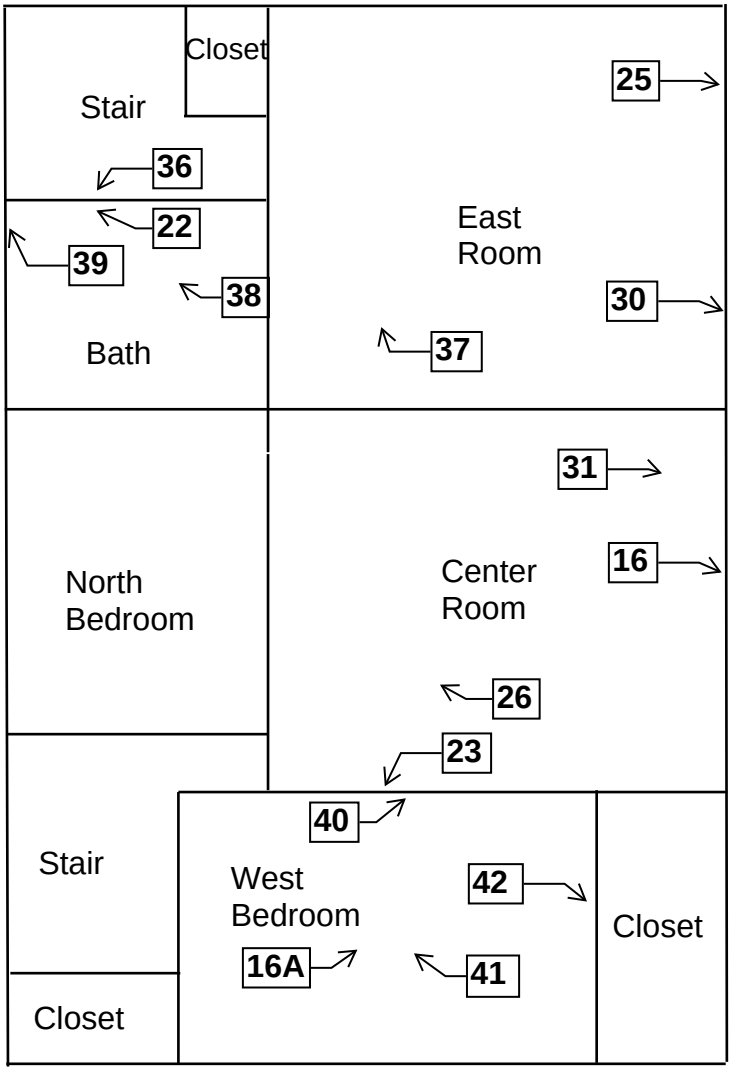
1st Floor Plan



One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

N

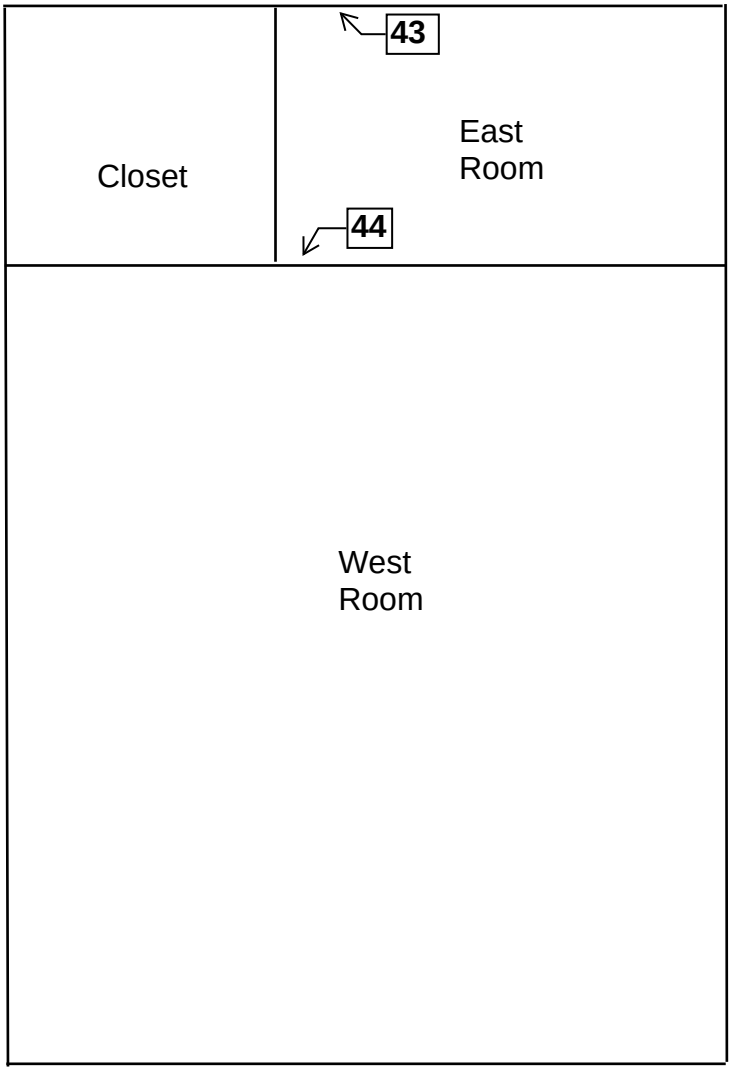
2nd Floor Plan



One Family Dwelling
3178 North 13th Street
Milwaukee, Wisconsin

N

Attic 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

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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
One Family Dwelling
3543 North 13th Street
Milwaukee, Wisconsin

For:

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

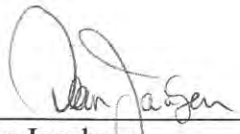
HMG Report No.: 20-400-020.3543
Inspector: Dean Jacobsen
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3543 North 13th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

July 2, 2020

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

RE: Pre-Demolition Inspection Report
3543 North 13th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3543 North 13th 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 at 3543 North 13th 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 exterior transite siding sampled during the inspection. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 at 3543 North 13th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has transite and wood siding and 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 June 12, 2020, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3543 North 13th Street, Milwaukee, Wisconsin. The inspection was conducted 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Paper insulation
- Tar paper
- Caulk
- Drywall/joint compound
- Window glazing compound
- Plaster
- Laminate flooring
- Blown in insulation
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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. ASBESTOS 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 – east wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – west wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – north wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
4	Exterior – east wall under transite – silver paper insulation	Negative	MPIs
5	Exterior – east south under transite – silver paper insulation	Negative	MPIs
6	Exterior – east north under transite – silver paper insulation	Negative	MPIs
7	Exterior – west wall under transite siding – tar paper	Negative	MPT
8	Exterior – west addition walls – transite lap siding	Negative	MTP2
9	Exterior – west addition walls under transite lap siding – tar paper #2	Negative	MPT2
10	Exterior – around east window – cream caulk	Negative	MCLKc
11a	1st floor – stair – south wall – drywall	Negative	MDW
11b	1st floor – stair – south wall – joint compound	Negative	MDW
12a	1st floor – kitchen – north wall – drywall	Negative	MDW
12b	1st floor – bedroom – west wall – joint compound	Negative	MDW
13a	1st floor – bedroom – west wall – drywall	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
13b	1st floor – kitchen – north wall – joint compound	Negative	MDW
14	Basement – on south window – glazing compound	Negative	MPG
15a	Basement – west wall – plaster base coat	Negative	SPl
15b	Basement – west wall – plaster skim coat	Negative	SPl
16a	Basement – north center wall – plaster base coat	Negative	SPl
16b	Basement – north center wall – plaster skim coat	Negative	SPl
17a	Basement – south wall – plaster base coat	Negative	SPl
17b	Basement – south wall – plaster skim coat	Negative	SPl
18a	1st floor – kitchen west side – laminate flooring	Negative	MLF
18b	1st floor – kitchen west side – on laminate flooring – tan mastic	Negative	MLF
19a	1st floor – kitchen east side – laminate flooring	Negative	MLF
19b	1st floor – kitchen east side – on laminate flooring – tan mastic	Negative	MLF
20a	1st floor – kitchen east side – laminate flooring	Negative	MLF
20b	1st floor – kitchen east side – on laminate flooring – tan mastic	Negative	MLF
21	1st floor – bedroom – in west wall – blown in insulation	Negative	MBI
22	1st floor – kitchen – in south wall – blown in insulation	Negative	MBI
23	2nd floor – closet – in ceiling – blown in insulation	Negative	MBI

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
Transite Siding	MTP	Exterior Walls (Except West Addition)	1,300 SF	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Building Roof	850 SF	Category I Non-Friable
Floor Tile & Mastic	Living Room	130 SF	Category I Non-Friable

Note #1: The transite siding is a category II non-friable asbestos containing material and will likely become a regulated asbestos containing material (RACM) during demolition activities. 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 the transite siding be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
MTP	Transite Siding
MTP2	Transite Lap Siding
MPT	Tar Paper
MPT2	Tar Paper Under Lap Siding
MPIs	Silver Paper Insulation
MCLKc	Cream Caulk
MDW	Drywall/Joint Compound
MPG	Window Glazing Compound
MLF	Laminate Flooring
MBI	Blown in Insulation

V. EXCLUSIONS

All 1st floor floors covered with fire debris and only partially accessible. Floors in 1st floor bathroom and all of 2nd floor buried in fire debris 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

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

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

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

VIII. ASBESTOS 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

Attn:

Order #: 375558

Received	06/26/20
Analyzed	06/26/20
Reported	06/30/20

Project:
Location: Wisconsin
Number: 20-400-020.3543

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
375558-001	06/12/20	1	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375558-002	06/12/20	2	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375558-003	06/12/20	3	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375558-004	06/12/20	4	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375558-005	06/12/20	5	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375558-006	06/12/20	6	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375558-007	06/12/20	7	Wisconsin		
Layer 1: Felt Paper Black, Fibrous/Bituminous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375558-008	06/12/20	8	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% 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: 20-400-020.3543

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
375558-009	06/12/20	9	Wisconsin		
Layer 1: Felt Paper Black, Fibrous/Bituminous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375558-010	06/12/20	10	Wisconsin		
Layer 1: Caulk White, Soft				None Detected	100% NON FIBROUS MATERIAL
375558-011	06/12/20	11	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
375558-012	06/12/20	12	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
375558-013	06/12/20	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
375558-014	06/12/20	14	Wisconsin		
Layer 1: Granular Material Beige/Green, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
375558-015	06/12/20	15	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, 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: 20-400-020.3543

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
375558-016	06/12/20	16	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
375558-017	06/12/20	17	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
375558-018	06/12/20	18	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
375558-019	06/12/20	19	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
375558-020	06/12/20	20	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
375558-021	06/12/20	21	Wisconsin		
Layer 1: Insulation White, Fibrous				None Detected	90% MINERAL/GLASS WOOL 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: 20-400-020.3543

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
375558-022	06/12/20	22	Wisconsin		
Layer 1: Insulation White, Fibrous				None Detected	90% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
375558-023	06/12/20	23	Wisconsin		
Layer 1: Insulation White, Fibrous				None Detected	90% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 32

375558-06/30/20 09:29 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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 6/26/2020 9:54:17 AM
UPS 1Z2E28998462047635

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3543				
Collected By					

Turn Around Time **
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/12/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

SCHNEIDER LABORATORIES GLOBAL, INC.

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3543				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

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Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

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- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/12/20								
12	↓								
13									
14									
15									
16									
17									
18									
19									
20	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3543				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

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- ☐ Lead
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- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/12/20								
22	↓								
23	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1200

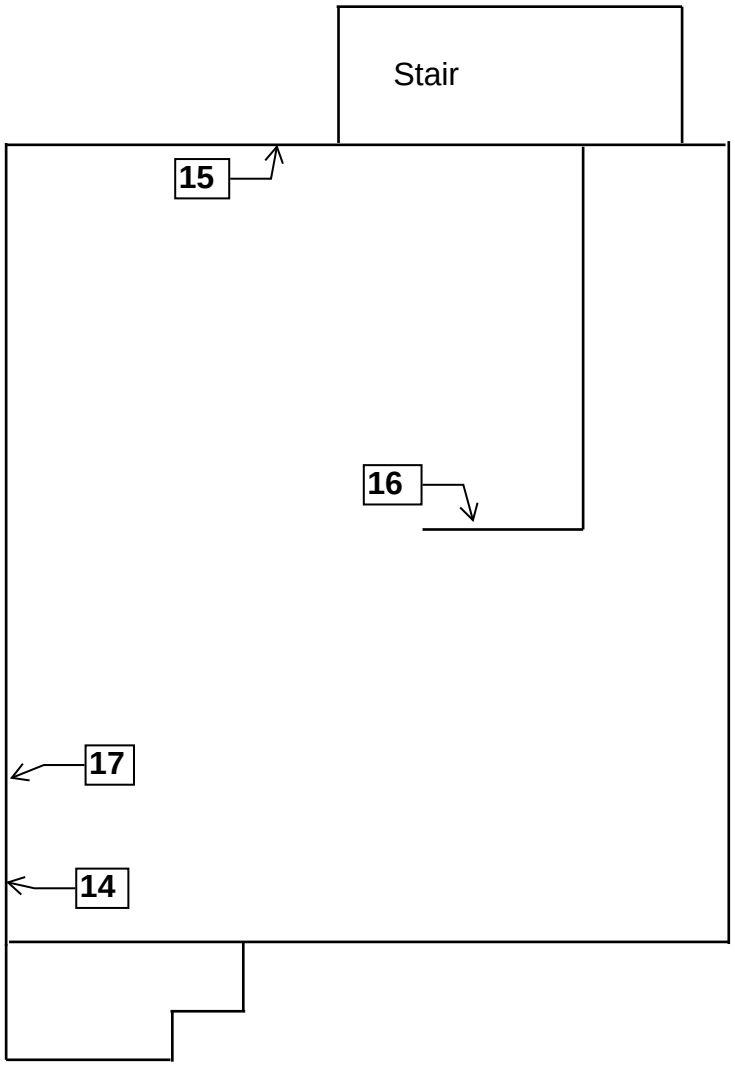
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

One Family Dwelling
3543 North 13th Street
Milwaukee, Wisconsin

N

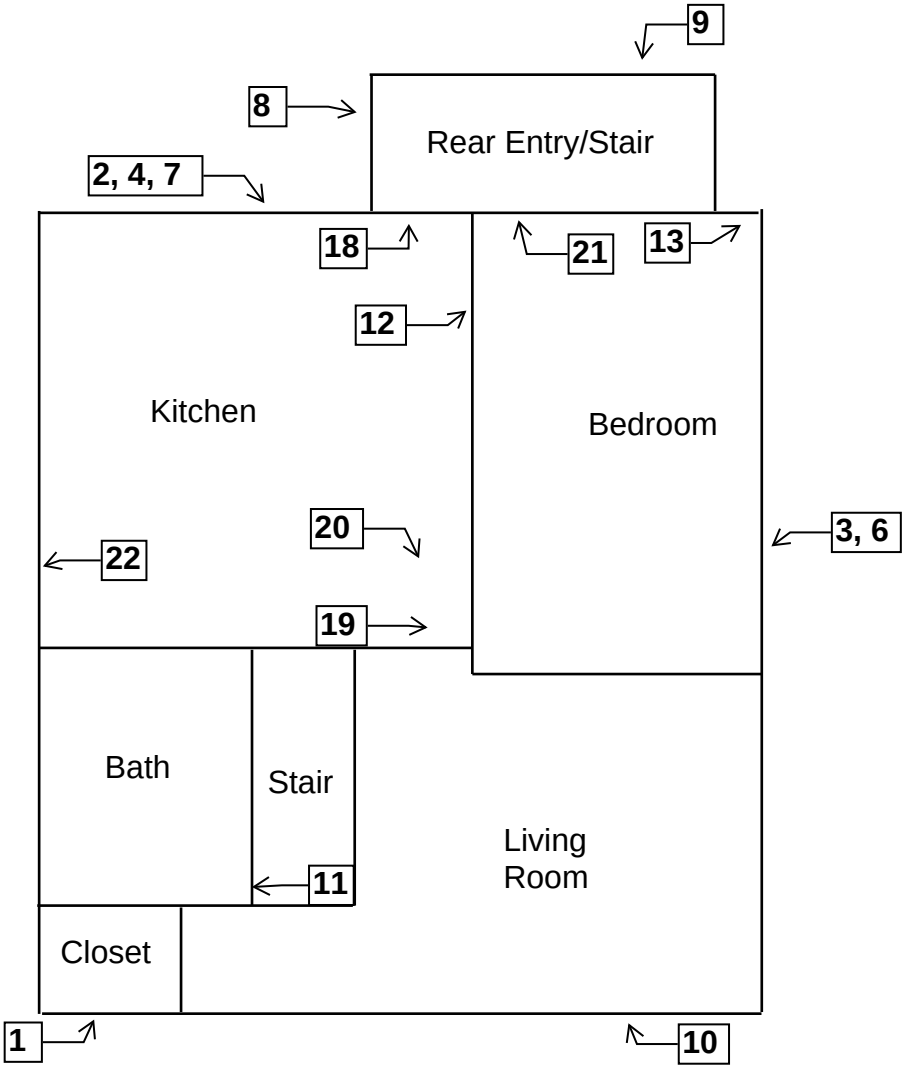
Basement Floor Plan



One Family Dwelling
3543 North 13th Street
Milwaukee, Wisconsin

N

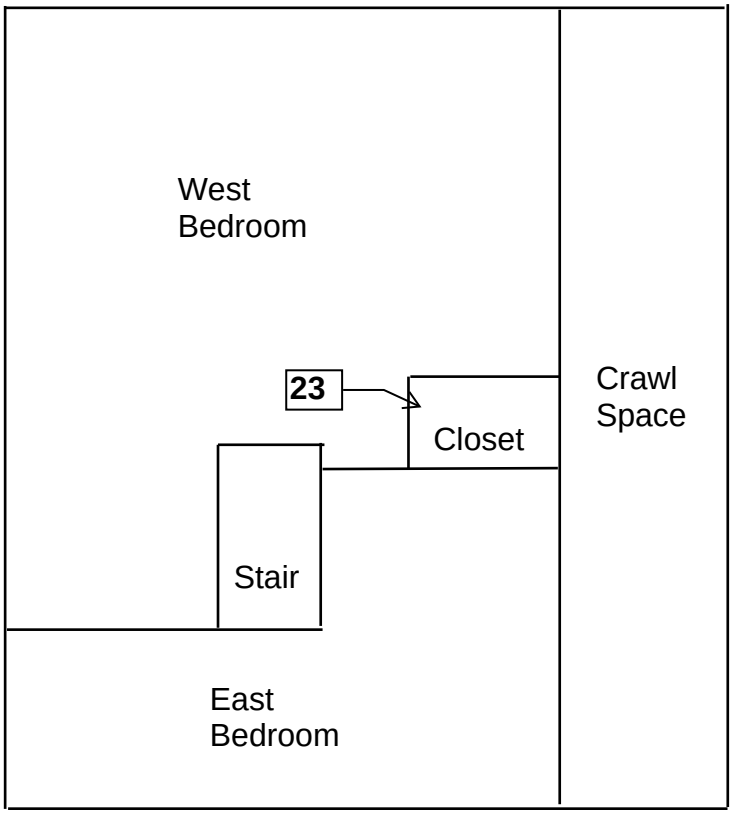
1st Floor Plan



N

One Family Dwelling
3543 North 13th 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: 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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin

For:

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

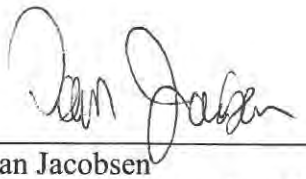
HMG Report No.: 20-400-020.3455-57
Inspector: Dean Jacobsen
Contract No.: 360-20-0975

Prepared by:

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

May 2020

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

May 11, 2020

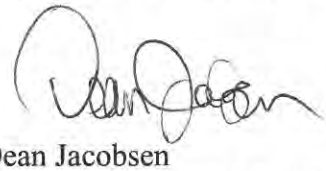
City of Milwaukee
Department of Neighborhood Services
Attn: Marge Piwaron
841 North Broadway 1st Floor
Milwaukee, Wisconsin 53202-3613

RE: Pre-Demolition Inspection Report
3455-57 North 14th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 3455-57 North 14th 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 at 3455-57 North 14th 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 rear stair linoleum, basement duct wrap, and basement flue packing sampled during the inspection. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing, furnace gasket, and floor tile and mastic in the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 at 3455-57 North 14th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has wood siding and 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 April 30, 2020, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3455-57 North 14th Street, Milwaukee, Wisconsin. The inspection was conducted 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Blown in insulation
- Window glazing compound
- Caulk
- Linoleum
- Texture
- Plaster
- Drywall/joint compound
- Duct wrap
- Ceiling tile
- Flue packing
- Fire brick
- Gasket
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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. ASBESTOS FINDINGS AND OBSERVATIONS

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

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	Exterior – in west wall – blown in insulation	Negative	MBI
5	Exterior – in south wall – blown in insulation	Negative	MBI
6	Attic – under wood floor – blown in insulation	Negative	MBI
7	Basement – on north window – window glazing compound	Negative	MPG
8	2nd floor – west bedroom – on west window – window glazing compound	Negative	MPG
9	1st floor – east bedroom – on north window – window glazing compound	Negative	MPG
10	Exterior – east wall – at gas meter pipe – gray caulk	Negative	MCLKy
11	Exterior – south wall – at water faucet – cream caulk	Negative	MCLKc
12	Exterior – south wall – on wood siding seams – beige caulk	Negative	MCLKe
13	Exterior – on northeast window – white caulk	Negative	MCLKw

Sample #	Location and Description	Results	Homogeneous Code
14	1st floor – hall – 8th layer – tan and gray linoleum	Negative	MFLty
15a	1st floor – bathroom – 7th layer – tan and gray linoleum	Negative	MFLty
15b	1st floor – bathroom – 7th layer – under tan and gray linoleum – tan mastic	Negative	MFLty
16a	1st floor – kitchen – 6th layer – tan and gray linoleum	Negative	MFLty
16b	1st floor – kitchen – 6th layer – under tan and gray linoleum – tan mastic	Negative	MFLty
17	1st floor – bathroom – 3rd layer – yellow linoleum	Negative	MFLl
18	1st floor – kitchen – on east wall – texture	Negative	STX
19	1st floor – living room – on east wall – texture	Negative	STX
20	1st floor – east bedroom – on south wall – texture	Negative	STX
21	1st floor – bathroom – on east wall – texture	Negative	STX
22	1st floor – west bedroom – on north wall – texture	Negative	STX
23a	1st floor – kitchen – east wall – plaster base coat	Negative	SPl
23b	1st floor – kitchen – east wall – plaster skim coat	Negative	SPl
24a	1st floor – living room – east wall – plaster base coat	Negative	SPl
24b	1st floor – living room – east wall – plaster skim coat	Negative	SPl
25a	1st floor – east bedroom – south wall – plaster base coat	Negative	SPl
25b	1st floor – east bedroom – south wall – plaster skim coat	Negative	SPl
26a	Attic – stair – south wall – plaster base coat	Negative	SPl
26b	Attic – stair – south wall – plaster skim coat	Negative	SPl
27a	2nd floor – front stair – north wall – plaster base coat	Negative	SPl
27b	2nd floor – front stair – north wall – plaster skim coat	Negative	SPl
28	2nd floor – living room – north wall – plaster	Negative	SPl
29a	2nd floor – dining room – north wall – plaster base coat	Negative	SPl
29b	2nd floor – dining room – north wall – plaster skim coat	Negative	SPl
30a	**1st floor – rear stair – on steps top layer – gold and yellow linoleum**	**Positive 20% Chrysotile**	**MFLdl**
30b	1st floor – rear stair – on steps top layer – under gold and yellow linoleum – brown mastic	Negative	MFLdl
30c	1st floor – rear stair – on steps 2nd layer – gold linoleum	Negative	MFLd
31a	1st floor – rear stair – on steps bottom layer – beige and green linoleum	Negative	MFLeg
31b	1st floor – rear stair – on steps bottom layer – under beige and green linoleum – brown mastic	Negative	MFLeg
32a	1st floor – rear stair – on landing bottom layer – tan linoleum	Negative	MFLt
32b	1st floor – rear stair – on landing bottom layer – under tan linoleum – gray mastic	Negative	MFLt
33a	2nd floor – rear stair – on steps bottom layer – green and yellow linoleum	Negative	MFLgl
33b	2nd floor – rear stair – on steps bottom layer – under green and yellow linoleum – brown mastic	Negative	MFLgl
34	2nd floor – kitchen – west side 5th layer – brown linoleum backing	Negative	MFLback
35	2nd floor – pantry – 5th layer – brown linoleum backing	Negative	MFLback
36	2nd floor – kitchen – north side 5th layer – brown linoleum backing	Negative	MFLback
37a	2nd floor – west bedroom – beige and blue linoleum	Negative	MFLeb
37b	2nd floor – west bedroom – under beige and blue linoleum – tan mastic	Negative	MFLeb
37c	2nd floor – west bedroom – under tan mastic – black backing	Negative	MFLback2
38a	2nd floor – hall – beige and blue linoleum	Negative	MFLeb
38b	2nd floor – hall – under beige and blue linoleum – tan mastic	Negative	MFLeb

Sample #	Location and Description	Results	Homogeneous Code
38c	2nd floor – hall – under tan mastic – black backing	Negative	MFLback2
39a	2nd floor – east bedroom – beige and blue linoleum	Negative	MFLeb
39b	2nd floor – east bedroom – under beige and blue linoleum – tan mastic	Negative	MFLeb
39c	2nd floor – east bedroom – under tan mastic – black backing	Negative	MFLback2
40	2nd floor – bathroom 5th layer – brown linoleum	Negative	MFLn
41	2nd floor – living room – on north wall – plaster patching	Negative	SPlP
42	2nd floor – dining room – on north wall – plaster patching	Negative	SPlP
43	2nd floor – east bedroom – on east wall – plaster patching	Negative	SPlP
44	2nd floor – west bedroom – on north wall – plaster patching	Negative	SPlP
45	2nd floor – kitchen – on east wall – plaster patching	Negative	SPlP
46a	2nd floor – dining room – ceiling – drywall	Negative	MDW
46b	2nd floor – dining room – ceiling – joint compound	Negative	MDW
47a	2nd floor – living room – ceiling – drywall	Negative	MDW
47b	2nd floor – living room – ceiling – joint compound	Negative	MDW
48a	1st floor – living room – ceiling – drywall	Negative	MDW
48b	1st floor – living room – ceiling – joint compound	Negative	MDW
49	Basement – near stair – ceiling – plaster #2	Negative	SPl2
50	Basement – southwest room – ceiling – plaster #2	Negative	SPl2
51	Basement – northwest room – ceiling – plaster #2	Negative	SPl2
52	**Basement – closet near stair – on boot – duct wrap**	**Positive 60% Chrysotile**	**TDW**
53	**Basement – southwest room – on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
54	**Basement – north center room – on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
55	Basement – east room – near east wall – 2' x 2' ceiling tile	Negative	MSCT22
56	**Basement – north center room – on chimney – flue packing**	**Positive 60% Chrysotile**	**TFP**
57	Basement – south center room – in octopus furnace – fire brick	Negative	TFB

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Gold & Yellow Linoleum	MFLdl	Rear Stair Landing and Steps Top Layer	100 SF	Friable
Duct Wrap	TDW	Basement on Ducts, Boots, & Center Joist	300 SF	Friable
Flue Packing	TFP	Basement on Chimney	3 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House Roof	1,500 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Hall/Bathroom/Kitchen/Pantry 2nd Floor Kitchen/Pantry/Bathroom	1,200 SF	Category I Non-Friable
Gasket	Basement Inside Octopus Furnace on Seam	12 LF	Category I Non-Friable

Note #1: The gold and yellow linoleum, duct wrap, and flue packing are friable asbestos containing materials and meet the definition of a regulated asbestos containing material (RACM) in NR 447 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 the gold and yellow linoleum, duct wrap, and flue packing be abated prior to demolition.

Note #2: The asphalt roofing, gasket, and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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 duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
SPl2	Plaster Basement
SPlP	Plaster Patching
STX	Texture
MPT	Tar Paper
MBI	Blown in Insulation
MPG	Window Glazing Compound
MCLKy	Gray Caulk
MCLKc	Cream Caulk
MCLKe	Beige Caulk
MCLKw	White Caulk
MFLty	Tan & Gray Linoleum
MFLl	Yellow Linoleum
MFLdl	Gold & Yellow Linoleum
MFLd	Gold Linoleum
MFLeg	Beige & Green Linoleum
MFLt	Tan Linoleum
MFLgl	Green & Yellow Linoleum
MFLeb	Beige & Blue Linoleum
MFLback	Brown Linoleum Backing
MFLn	Brown Linoleum
MFLback2	Black Linoleum Backing
MDW	Drywall/Joint Compound
MSCT22	2’ x 2’ Ceiling Tile
TDW	Duct Wrap
TFP	Flue Packing
TFB	Fire Brick

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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

6	Fluorescent Lights – Front Porch, 1st Floor Dining Room, Kitchen, & Rear Stair, 2nd Floor Living Room & front Stair, Basement
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 2nd Floor Dining Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, **FURNACES, HEATERS** AND TANKS – 3 Furnaces & 2 Water Heaters in Basement

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

ELECTRICAL SYSTEMS – 2 Electrical Boxes in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 2 Gas Meters on Exterior
* 1 Water Meter in Basement

VIII. ASBESTOS 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

Order #: 369604

Attn:

Received 05/01/20
Analyzed 05/07/20
Reported 05/08/20

Project:
Location: Wisconsin
Number: 20-400-020.3455

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
369604-001	04/30/20	1	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	55% CELLULOSE FIBER 40% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
369604-002	04/30/20	2	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	55% CELLULOSE FIBER 40% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
369604-003	04/30/20	3	Wisconsin		
Layer 1: Felt Paper Black, Bituminous/Fibrous				None Detected	55% CELLULOSE FIBER 40% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
369604-004	04/30/20	4	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
369604-005	04/30/20	5	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
369604-006	04/30/20	6	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	95% CELLULOSE FIBER 5% NON FIBROUS MATERIAL
369604-007	04/30/20	7	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
369604-008	04/30/20	8	Wisconsin		
Layer 1: Soft Material White, 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: 20-400-020.3455

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
369604-009	04/30/20	9	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-010	04/30/20	10	Wisconsin		
Layer 1: Soft Material Gray, Soft				None Detected	2% CELLULOSE FIBER 30% MINERAL/GLASS WOOL 66% NON FIBROUS MATERIAL 2% SYNTHETIC FIBER
369604-011	04/30/20	11	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
369604-012	04/30/20	12	Wisconsin		
Layer 1: Soft Material White/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
369604-013	04/30/20	13	Wisconsin		
Layer 1: Soft Material White, Soft				None Detected	100% NON FIBROUS MATERIAL
369604-014	04/30/20	14	Wisconsin		
Layer 1: Linoleum Tan/Black, Org.Bound/Fibrous/Bituminous Only one layer found.				None Detected	30% CELLULOSE FIBER 65% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
369604-015	04/30/20	15	Wisconsin		
Layer 1: Linoleum Tan/Black, Org.Bound/Fibrous/Bituminous				None Detected	30% CELLULOSE FIBER 65% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Backing/Mastic Tan/Black, Fibrous/Bituminous/Brittle				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Unable to separate individual layers.					

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: 20-400-020.3455

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
369604-016	04/30/20	16	Wisconsin		
Layer 1: Linoleum Tan/Black, Org.Bound/Fibrous/Bituminous				None Detected	30% CELLULOSE FIBER 65% NON FIBROUS MATERIAL 5% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Backing/Mastic Brown/Black, Fibrous/Bituminous/Brittle				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Unable to separate individual layers.					
369604-017	04/30/20	17	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	15% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
369604-018	04/30/20	18	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-019	04/30/20	19	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-020	04/30/20	20	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-021	04/30/20	21	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-022	04/30/20	22	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL

Project:
Location: Wisconsin
Number: 20-400-020.3455

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
369604-023	04/30/20	23	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-024	04/30/20	24	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-025	04/30/20	25	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-026	04/30/20	26	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 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: 20-400-020.3455

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
369604-027	04/30/20	27	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-028	04/30/20	28	Wisconsin		
Layer 1: Plaster Gray, Granular Only one layer found.				None Detected	2% CELLULOSE FIBER 96% NON FIBROUS MATERIAL 2% SYNTHETIC FIBER
369604-029	04/30/20	29	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-030	04/30/20	30	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				20% CHRYSOTILE	5% CELLULOSE FIBER 75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Linoleum Yellow, Organically Bound				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
369604-031	04/30/20	31	Wisconsin		
Layer 1: Linoleum Yellow/Black, Org.Bound/Fibrous/Bituminous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	2% CELLULOSE FIBER 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: 20-400-020.3455

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
369604-032	04/30/20	32	Wisconsin		
Layer 1: Linoleum				None Detected	40% CELLULOSE FIBER
Brown/Black, Org.Bound/Fibrous/Bituminous					60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Granular Material				None Detected	2% CELLULOSE FIBER
Gray, Granular					96% NON FIBROUS MATERIAL
					2% SYNTHETIC FIBER
369604-033	04/30/20	33	Wisconsin		
Layer 1: Linoleum				None Detected	45% CELLULOSE FIBER
Yellow, Org.Bound/Fibrous					55% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic/Fibrous Mtrl				None Detected	55% CELLULOSE FIBER
Brown/Gray, Brittle/Fibrous					35% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER
Unable to separate individual layers.					
369604-034	04/30/20	34	Wisconsin		
Layer 1: Mastic/Fibrous Mtrl				None Detected	55% CELLULOSE FIBER
Brown/Gray, Brittle/Soft					35% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER
Unable to separate individual layers.					
369604-035	04/30/20	35	Wisconsin		
Layer 1: Mastic/Fibrous Mtrl				None Detected	55% CELLULOSE FIBER
Brown/Gray, Brittle/Fibrous					35% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER
Unable to separate individual layers.					
369604-036	04/30/20	36	Wisconsin		
Layer 1: Mastic/Fibrous Mtrl				None Detected	55% CELLULOSE FIBER
Brown/Gray, Brittle/Soft					35% NON FIBROUS MATERIAL
					10% SYNTHETIC FIBER
Unable to separate individual layers.					

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: 20-400-020.3455

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
369604-037	04/30/20	37	Wisconsin		
Layer 1: Linoleum				None Detected	15% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	2% CELLULOSE FIBER
Tan, Soft					98% NON FIBROUS MATERIAL
Layer 3: Backing/Mastic				None Detected	40% CELLULOSE FIBER
Black/Tan, Soft/Fibrous/Bituminous					60% NON FIBROUS MATERIAL
Unable to separate individual layers.					
369604-038	04/30/20	38	Wisconsin		
Layer 1: Linoleum				None Detected	15% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	2% CELLULOSE FIBER
Tan, Soft					98% NON FIBROUS MATERIAL
Layer 3: Backing/Mastic				None Detected	40% CELLULOSE FIBER
Black/Tan, Soft/Fibrous/Bituminous					60% NON FIBROUS MATERIAL
Unable to separate individual layers.					
369604-039	04/30/20	39	Wisconsin		
Layer 1: Linoleum				None Detected	15% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					10% MINERAL/GLASS WOOL
					75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	2% CELLULOSE FIBER
Tan, Soft					98% NON FIBROUS MATERIAL
Layer 3: Backing/Mastic				None Detected	40% CELLULOSE FIBER
Black/Tan, Soft/Fibrous/Bituminous					60% NON FIBROUS MATERIAL
Unable to separate individual layers.					
369604-040	04/30/20	40	Wisconsin		
Layer 1: Backing/Mastic				None Detected	40% CELLULOSE FIBER
Black/Brown, Bituminous/Brittle/Fibrous					60% NON FIBROUS MATERIAL
Unable to separate individual layers.					

Project:
Location: Wisconsin
Number: 20-400-020.3455

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
369604-041	04/30/20	41	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-042	04/30/20	42	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-043	04/30/20	43	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-044	04/30/20	44	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-045	04/30/20	45	Wisconsin		
Layer 1: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-046	04/30/20	46	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-047	04/30/20	47	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 2% MINERAL/GLASS WOOL 94% NON FIBROUS MATERIAL
Layer 2: Texture White, Granular				None Detected	100% NON FIBROUS MATERIAL
369604-048	04/30/20	48	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 2% MINERAL/GLASS WOOL 94% NON FIBROUS MATERIAL
Layer 2: Texture 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: 20-400-020.3455

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
369604-049	04/30/20	49	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
369604-050	04/30/20	50	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
369604-051	04/30/20	51	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
369604-052	04/30/20	52	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				60% CHRYSOTILE	40% NON FIBROUS MATERIAL
369604-053	04/30/20	53	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				60% CHRYSOTILE	40% NON FIBROUS MATERIAL
369604-054	04/30/20	54	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				60% CHRYSOTILE	40% NON FIBROUS MATERIAL
369604-055	04/30/20	55	Wisconsin		
Layer 1: Acoustical Tile Beige, Fibrous				None Detected	45% CELLULOSE FIBER 35% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
369604-056	04/30/20	56	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				60% CHRYSOTILE	40% NON FIBROUS MATERIAL
369604-057	04/30/20	57	Wisconsin		
Layer 1: Hard Material Tan, Hard				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 84

369604-05/08/20 10:48 AM

Analyst **Jada Wilson**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

369604 O 57

V:\369\369604

fghraizi 5/1/2020 9:28:41 AM
UPS 1Z2E28998463377198

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3455				
Collected By					

Turn Around Time**

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	4/30/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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2512 West Cary Street, Richmond, Virginia 23220-5117
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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3455				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	4/30/20								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
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Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3455				
Collected By					

Turn Around Time**
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	4/30/20								
22									
23									
24									
25									
26									
27									
28									
29									
30									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

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www.slabinc.com • info@slabinc.com

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Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3455				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
31	4/30/20								
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
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Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3455				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
41	4/30/20								
42									
43									
44									
45									
46									
47									
48									
49									
50									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3455				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
S1	4/30/20								
S2									
S3									
S4									
S5									
S6									
S7									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/30/20 16:00

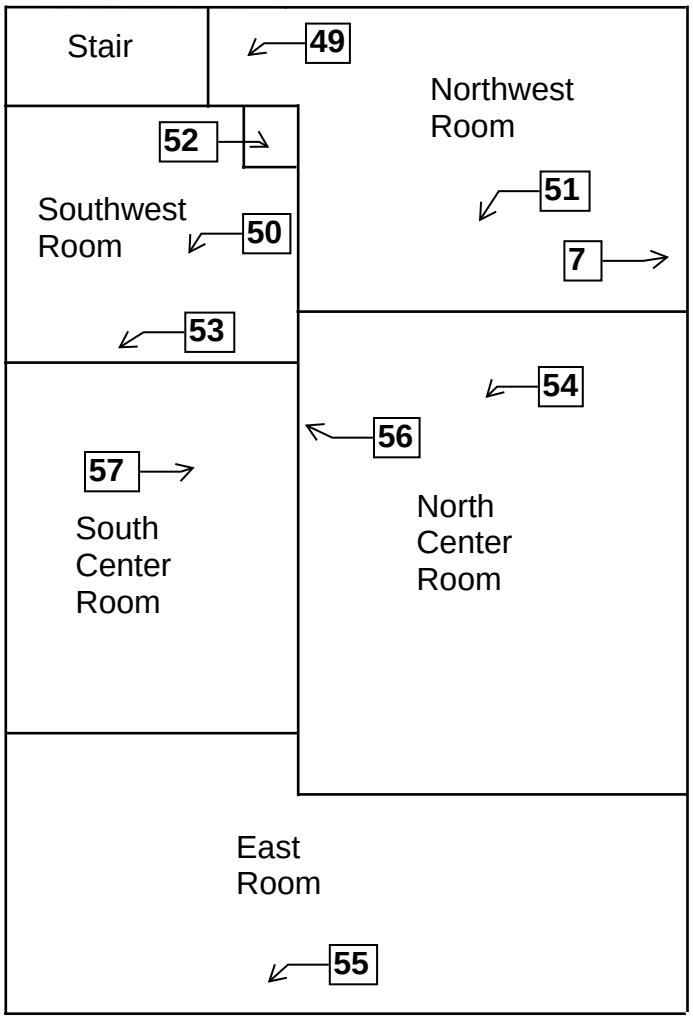
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin

N

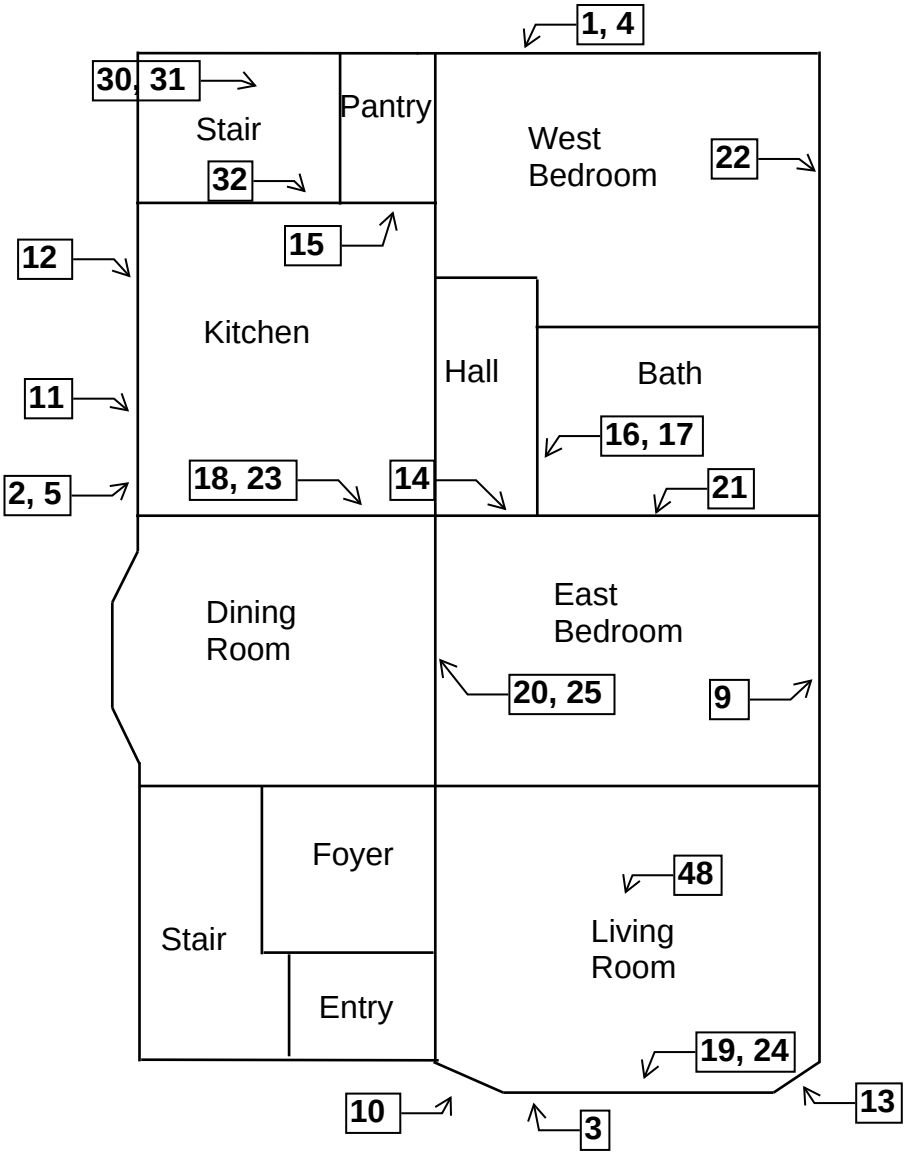
Basement Floor Plan



Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin

N

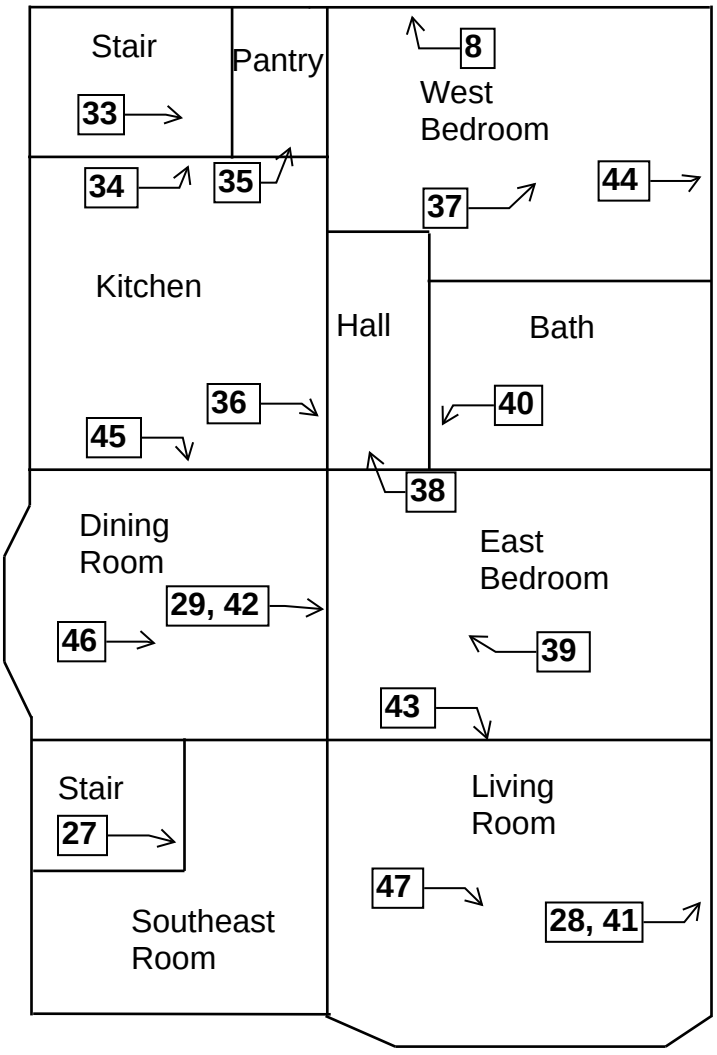
1st Floor Plan



Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin

N

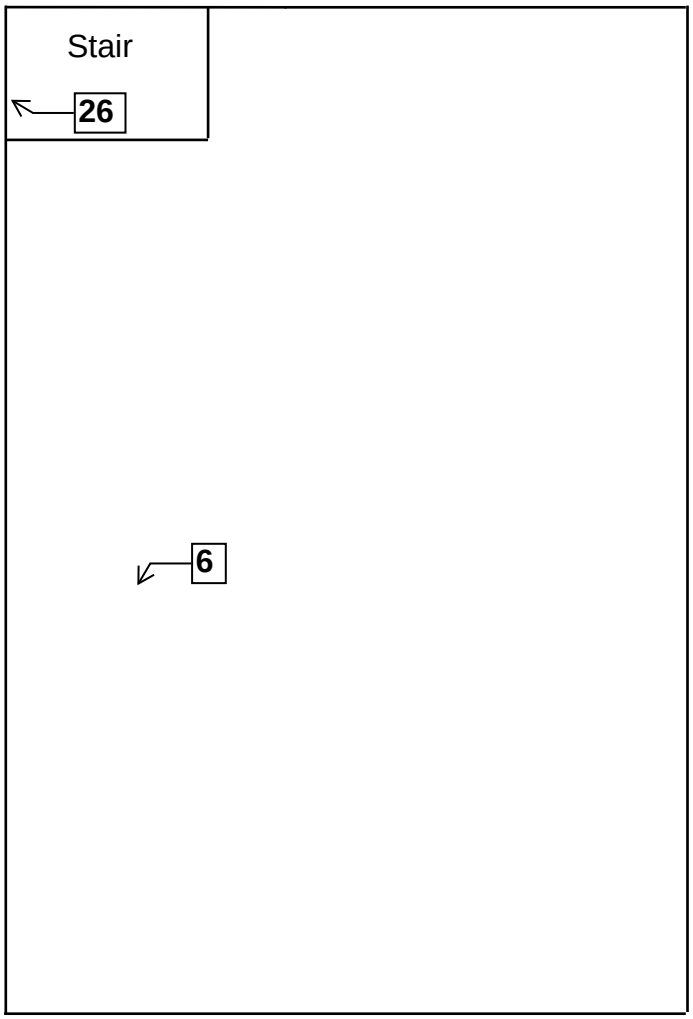
2nd Floor Plan



Two Family Dwelling
3455-57 North 14th Street
Milwaukee, Wisconsin

N

Attic 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

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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.3452
Inspector: Damian Rogowski
Contract No.: 360-20-0975

Prepared by:

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

June 2020

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

Damian Rogowski
Asbestos Inspector No. AII – 161300
Expiration Date: 3/23/21
Harenda Management Group

June 22, 2020

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

RE: Pre-Demolition Inspection Report
3452 North 15th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3452 North 15th 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 at 3452 North 15th 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 exterior transite siding, basement duct wrap, and basement flue packing sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound and basement floor tile as verified by the point count method. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 at 3452 North 15th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has transite, asphalt, and wood siding and 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 June 5, 2020, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3452 North 15th 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Asphalt shingle siding
- Transite siding
- Tar paper
- Paper insulation
- Window glazing compound
- Caulk
- Plaster
- Linoleum
- Duct wrap
- Texture
- Ceiling tile
- Drywall/joint compound

- Blown in insulation
- Flue packing
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1a	Exterior – north wall – green asphalt shingle siding	Negative	MSSg
1b	Exterior – north wall – under green asphalt shingle siding - fiber layer	Negative	MSSg
2a	Exterior – east wall – green asphalt shingle siding	Negative	MSSg
2b	Exterior – east wall – under green asphalt shingle siding - fiber layer	Negative	MSSg
3a	Exterior – south wall – green asphalt shingle siding	Negative	MSSg
3b	Exterior – south wall – under green asphalt shingle siding - fiber layer	Negative	MSSg
4	**Exterior – north wall under green asphalt shingle siding – transite siding**	**Positive 20% Chrysotile**	**MTP**

Sample #	Location and Description	Results	Homogeneous Code
5	**Exterior – east wall under green asphalt shingle siding – transite siding**	**Positive 20% Chrysotile**	**MTP**
6	**Exterior – south wall under green asphalt shingle siding – transite siding**	**Positive 20% Chrysotile**	**MTP**
7	Exterior – north wall under transite siding – tar paper	Negative	MPT
8	Exterior – east wall under transite siding – tar paper	Negative	MPT
9	Exterior – south wall under transite siding – tar paper	Negative	MPT
10	Exterior – north wall under wood siding – black paper insulation	Negative	MPIk
11	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
12	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
13	1st floor – northwest bedroom – on north window – glazing compound	Positive 2% Chrysotile	MPG
13	Point Count Result	Trace 0.5% Chrysotile	MPG
14a	Exterior – on southwest window – gray caulk	Negative	MCLKy
14b	Exterior – on southwest window – white caulk	Negative	MCLKw
15	1st floor – living room – on west window – glazing compound	Positive 2% Chrysotile	MPG
15	Point Count Result	Trace 0.25% Chrysotile	MPG
16	2nd floor – main room – on east window – glazing compound	Negative	MPG
17	1st floor – living room – north wall – plaster	Negative	SPl
18a	1st floor – northwest bedroom – east wall – plaster	Negative	SPl
18b	1st floor – northwest bedroom – east wall – texture layer	Negative	SPl
19a	Basement – stair – west wall – plaster	Negative	SPl
19b	Basement – stair – west wall – texture layer	Negative	SPl
20	1st floor – dining room – north wall – plaster	Negative	SPl
21a	Basement – southeast area – ceiling – plaster	Negative	SPl
21b	Basement – southeast area – ceiling – texture layer	Negative	SPl
22a	1st floor – kitchen – tan and brown linoleum	Negative	MFLtn
22b	1st floor – kitchen – under tan and brown linoleum – tan mastic	Negative	MFLtn
23	1st floor – kitchen – on east wall – red linoleum	Negative	MFLr
24a	1st floor – hall – cream and tan linoleum	Negative	MFLct
24b	1st floor – hall – under cream and tan linoleum - tan mastic	Negative	MFLct
25	**1st floor – northeast bedroom – on south duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
26a	1st floor – northeast bedroom – on north wall under panel – beige mastic	Negative	MPMe
26b	1st floor – northeast bedroom – on north wall under panel – joint compound	Negative	MPMe
27	1st floor – bathroom – on west wall under panel – brown mastic	Negative	MPMn
28	1st floor – bathroom – on west wall under panel – tan mastic	Negative	MPMt
29	1st floor – bathroom – on ceiling – texture	Negative	STX
30	1st floor – bathroom – on ceiling – texture	Negative	STX
31	1st floor – bathroom – on ceiling – texture	Negative	STX
32	1st floor – northwest bedroom – on east wall under panel – dark brown mastic	Negative	MPMn2

Sample #	Location and Description	Results	Homogeneous Code
32	1st floor – northwest bedroom – on east wall under panel – black mastic	Negative	MPMk
33	1st floor – northwest bedroom – 1' x 1' pinholed ceiling tile	Negative	MSCT11P
34a	2nd floor – main room – on south wall under panel – drywall	Negative	MPMnt
34b	2nd floor – main room – on south wall under panel – brown and tan mastic	Negative	MPMnt
35a	2nd floor – main room – west wall – drywall	Negative	MDW
35b	2nd floor – main room – west wall – joint compound	Negative	MDW
36a	2nd floor – main room – northwest wall – drywall	Negative	MDW
36b	2nd floor – main room – northwest wall – joint compound	Negative	MDW
37a	2nd floor – main room – northeast wall – drywall	Negative	MDW
37b	2nd floor – main room – northeast wall – joint compound	Negative	MDW
38	Attic – east side on floor – blown in insulation	Negative	MBI
39	Attic – center on floor – blown in insulation	Negative	MBI
40	Attic – west side on floor – blown in insulation	Negative	MBI
41a	Basement – southeast area – 9" beige and orange floor tile	Positive 2% Chrysotile	MF9eo
41a	Point Count Result	Trace 0.5% Chrysotile	MF9eo
41b	Basement – southeast area – under 9" beige and orange floor tile – yellow mastic	Negative	MF9eo
42a	Basement – southwest area – 9" beige and orange floor tile	Positive 2% Chrysotile	MF9eo
42a	Point Count Result	Trace 0.75% Chrysotile	MF9eo
42b	Basement – southwest area – under 9" beige and orange floor tile – yellow mastic	Negative	MF9eo
43a	Basement – northwest area – 9" beige and orange floor tile	Positive 2% Chrysotile	MF9eo
43a	Point Count Result	Trace 0.5% Chrysotile	MF9eo
43b	Basement – northwest area – under 9" beige and orange floor tile – yellow mastic	Negative	MF9eo
44	Basement – northwest area – 1' x 1' smooth ceiling tile	Negative	MSCT11S
45	**Basement – on chimney – flue packing**	**Positive 60% Chrysotile**	**TFP**

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Wall Under Asphalt Siding Scattered on Ground Near Dwelling	1,700	Category II Non-Friable
Duct Wrap	TDW	1st Floor Northeast Bathroom South Wall Duct	3 SF	Friable
Flue Packing	TFP	Basement on Chimney	2 SF	Friable

Two (2) of the materials sampled contain less than 1% asbestos as verified by point counting and are not asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Window Glazing Compound	MPG	Windows on All Floors	27 Windows	Category II Non-Friable
9" Beige & Orange Floor Tile	MF9eo	Basement South & West Sides	400 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House Roof	1,600 SF	Category I Non-Friable
Floor Tile & Mastic	2nd Floor Stair & Main Room	800 SF	Category I Non-Friable

Note #1: The duct wrap and flue packing are friable asbestos containing materials and meet the definition of a regulated asbestos containing material (RACM) in NR 447 The transite siding is a category II non-friable asbestos containing materials and will meet the RACM definition if crumbled or reduced to powder by the demoltion equipment. 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 the duct wrap, flue packing, and transite siding be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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 duct wrap may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MSSg	Green Asphalt Shingle Siding
MTP	Transite
MPT	Tar Paper
MPIk	Black Paper Insulation
MPG	Window Glazing Compound
MCLKy	Gray Caulk
MCLKw	White Caulk
MFLtn	Tan & Brown Linoleum
MFLr	Red Linoleum
MFLct	Cream & Tan Linoleum
MPMe	Beige Wall Panel Mastic

Homogeneous Material Codes

MPMn	Brown Wall Panel Mastic
MPMn2	Dark Brown Wall Panel Mastic
MPMt	Tan Wall Panel Mastic
MPMk	Black & Brown Wall Panel Mastic
MPMnt	Brown & Tan Wall Panel Mastic
MSCT11P	1' x 1' Pinholed Ceiling Tile
MSCT11S	1' x 1' Smooth Ceiling Tile
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MF9eo	9" Beige & Orange Floor Tile
TDW	Duct Wrap
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 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS – 1 Boiler in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter in Basement

VIII. ASBESTOS 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

Attn:

Order #: 373849

Received 06/12/20
Analyzed 06/15/20
Reported 06/19/20

Project:
Location: Wisconsin
Number: 20-400-020.3452

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
373849-001	06/08/20	1	Wisconsin		
Layer 1: Shingle Black/Gray, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
373849-002	06/08/20	2	Wisconsin		
Layer 1: Shingle Black/Gray, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
373849-003	06/08/20	3	Wisconsin		
Layer 1: Shingle Black/Gray, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
373849-004	06/08/20	4	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
373849-005	06/08/20	5	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% 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: 20-400-020.3452

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
373849-006	06/08/20	6	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
373849-007	06/08/20	7	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-008	06/08/20	8	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-009	06/08/20	9	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-010	06/08/20	10	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-011	06/08/20	11	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-012	06/08/20	12	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-013	06/08/20	13	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
373849-014	06/08/20	14	Wisconsin		
Layer 1: Granular Material Light Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Soft Material White/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
373849-015	06/08/20	15	Wisconsin		
Layer 1: Granular Material Beige, Granular				2% CHRYSOTILE	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: 20-400-020.3452

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
373849-016	06/08/20	16	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-017	06/08/20	17	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-018	06/08/20	18	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-019	06/08/20	19	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-020	06/08/20	20	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-021	06/08/20	21	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
373849-022	06/08/20	22	Wisconsin			
Layer 1: Tile Beige, Organically Bound				None Detected	2% 98%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Mastic Tan, 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: 20-400-020.3452

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
373849-023	06/08/20	23	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Red/Black, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-024	06/08/20	24	Wisconsin		
Layer 1: Linoleum Beige, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
373849-025	06/08/20	25	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
373849-026	06/08/20	26	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-027	06/08/20	27	Wisconsin		
Layer 1: Soft Material Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
373849-028	06/08/20	28	Wisconsin		
Layer 1: Soft Material Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
373849-029	06/08/20	29	Wisconsin		
Layer 1: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-030	06/08/20	30	Wisconsin		
Layer 1: Textured Material Beige, 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: 20-400-020.3452

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
373849-031	06/08/20	31	Wisconsin		
Layer 1: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-032	06/08/20	32	Wisconsin		
Layer 1: Brittle Material Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Bituminous Material Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
373849-033	06/08/20	33	Wisconsin		
Layer 1: Acoustical Tile Tan, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
373849-034	06/08/20	34	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
373849-035	06/08/20	35	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-036	06/08/20	36	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
373849-037	06/08/20	37	Wisconsin		
Layer 1: Gypsum Board 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: 20-400-020.3452

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
373849-038	06/08/20	38	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-039	06/08/20	39	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-040	06/08/20	40	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
373849-041	06/08/20	41	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
373849-042	06/08/20	42	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
373849-043	06/08/20	43	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
373849-044	06/08/20	44	Wisconsin		
Layer 1: Acoustical Tile Tan, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
373849-045	06/08/20	45	Wisconsin		
Layer 1: Fibrous Material White/Green, Fibrous/Brittle				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

Unable to separate individual layers.

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: 20-400-020.3452

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: 64

373849-06/19/20 08:25 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3452				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/5/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/11/20 1200

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3452				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/5/20								
12									
13									
14									
15									
16									
17									
18									
19									
20	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/4/20 1700

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3452				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/5/20								
22									
23									
24									
25									
26									
27									
28									
29									
30									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/a/2020

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

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3452				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
31	6/5/20								
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/11/20 1700

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3452				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B-Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
41	6/5/20								
42	↓								
43	↓								
44	↓								
45	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/11/20 1700

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Analysis Report

Schneider Laboratories Global, Inc

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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 #: 374756

Received 06/19/20
Analyzed 06/19/20
Reported 06/22/20

Attn:

Project:
Location: Wisconsin
Number: 20-400-020.3452

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
374756-001	06/12/20	13	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
374756-002	06/12/20	15	Wisconsin		
Layer 1: Granular Material Beige, Granular, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
374756-003	06/12/20	41	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
374756-004	06/12/20	42	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
374756-005	06/12/20	43	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 5

374756-06/22/20 10:39 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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.

374756 S 5

V:\374\374756
afowler 6/19/2020 1:11:00 PM
Hand Delivered

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	☐ YES ☐ 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 373849			
Project Number	20-400-020.3452				
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
☐ 2 Hour *	☐ Air	☐ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ Same day *	☐ Paint	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☑ 1 business day	☐ Soil	☑ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☐ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		Sub-Contract
☐ 3 business days	☑ Bulk	☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
☐ 5 business days	☐ Waste Water	Asbestos in Air	Gravimetric	Miscellaneous	☐ TEM AHERA
* not available for all tests	☐ Ground Water	☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
** past 3 PM the TAT will begin next business day	☐ Drinking Water	☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600	☐ _____	☐ Silica XRD (7500)
Please schedule rush tests in advance	☐ TSP / PM10				
	☐ _____				

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
13	6/12/20								
15	↓								
41			Tile						
42			↓						
43	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/19/20 1200

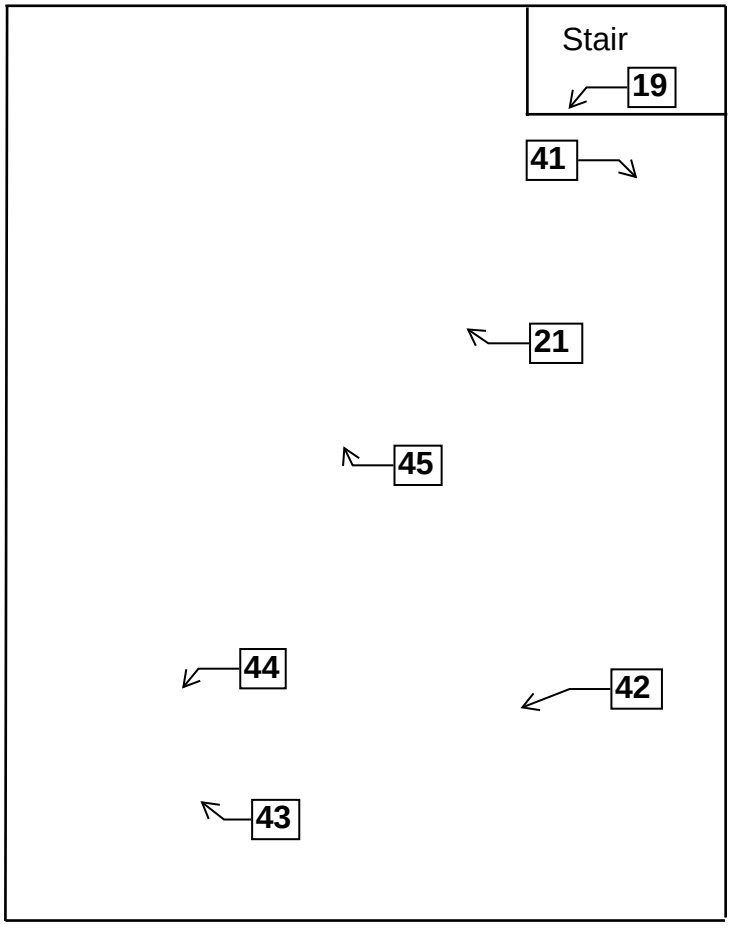
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

N

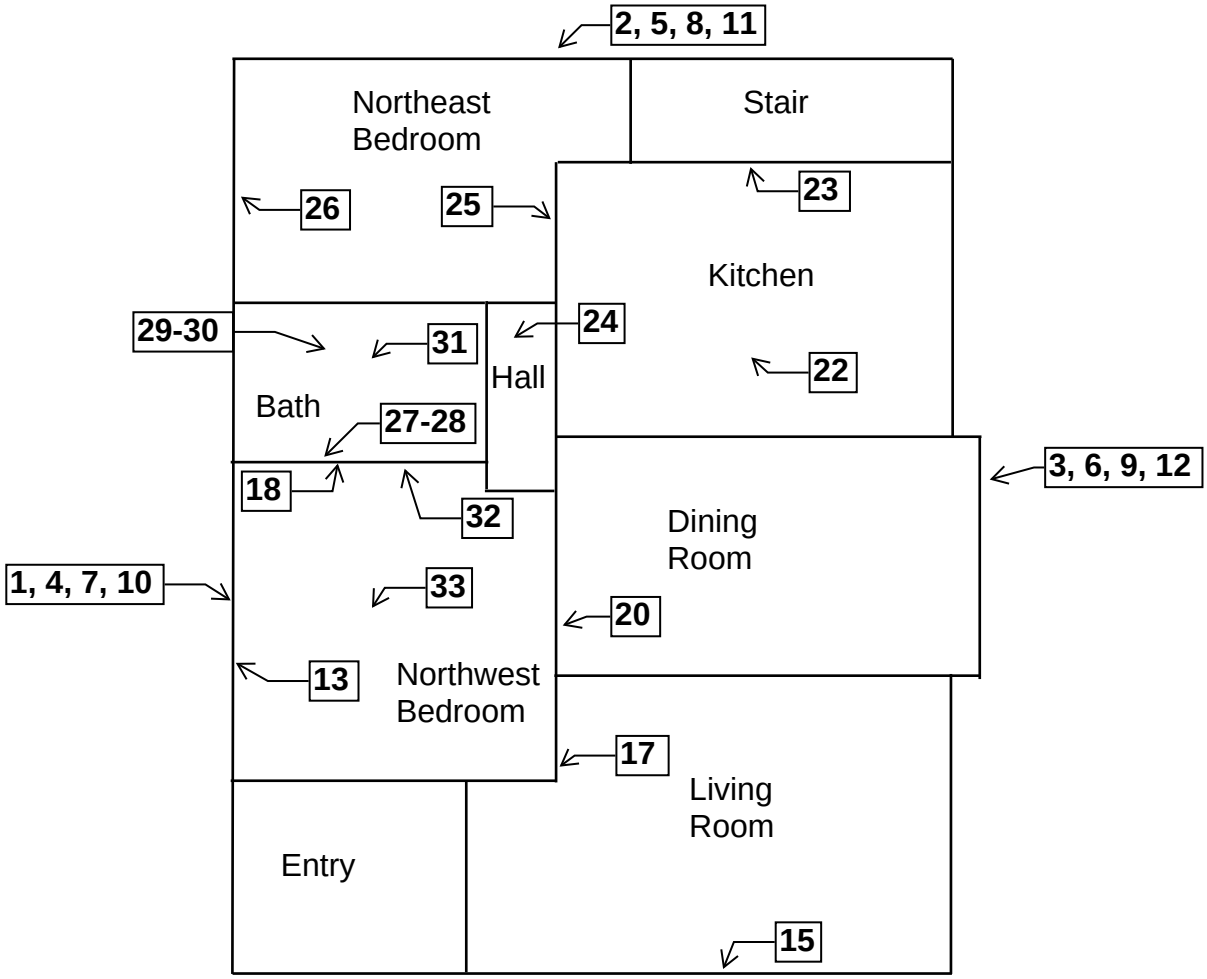
Basement Floor Plan



One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

N

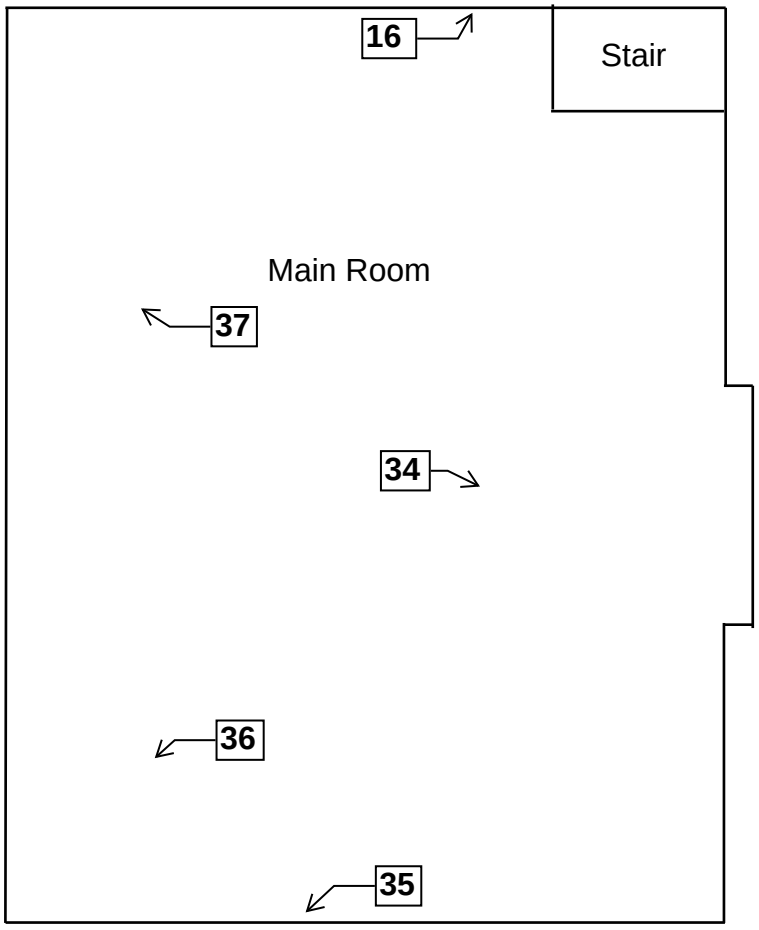
1st Floor Plan



One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

N

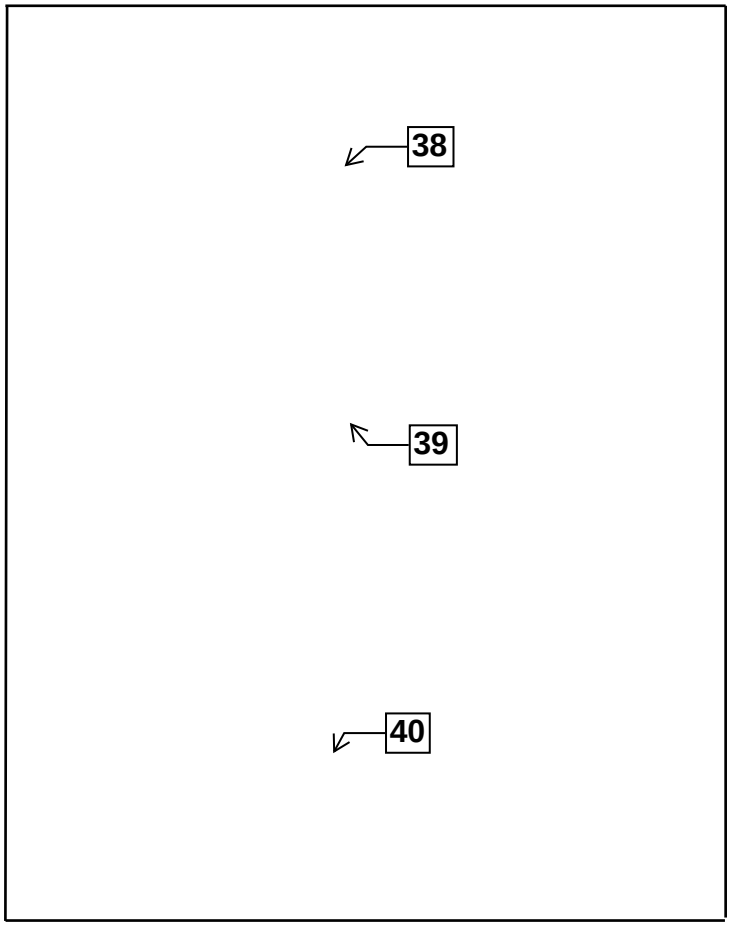
2nd Floor Plan



One Family Dwelling
3452 North 15th Street
Milwaukee, Wisconsin

N

Attic 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

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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
3620 North 27th Street
Milwaukee, Wisconsin

For:

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

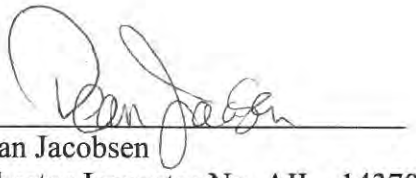
HMG Report No.: 20-400-020.3620
Inspector: Dean Jacobsen
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
3620 North 27th Street
Milwaukee, Wisconsin



Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

July 6, 2020

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

RE: Pre-Demolition Inspection Report
3620 North 27th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 3620 North 27th 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 at 3620 North 27th 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 basement flue packing sampled during the inspection. Asbestos was detected at less than 1% in exterior caulk, as verified by point count analysis. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the dwelling. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 3620 North 27th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has asphalt, vinyl and wood siding and 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 June 12, 2020, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3620 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Asphalt shingle siding
- Paper insulation
- Caulk
- Window glazing compound
- Drywall/joint compound
- Plaster
- Linoleum
- Blown in insulation
- Ceiling tile
- Flue packing
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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 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 VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	1st floor – exterior – north wall under wood siding – tar paper	Negative	MPT
2	1st floor – exterior – east wall under wood siding – tar paper	Negative	MPT
3	1st floor – exterior – south wall under wood siding – tar paper	Negative	MPT
4a	2nd floor – exterior – north wall – red asphalt shingle siding	Negative	MSSr
4b	2nd floor – exterior – north wall – under red asphalt shingle siding – fiber layer	Negative	MSSr
4c	2nd floor – exterior – north wall – under fiber layer – silver paper insulation	Negative	MPIs
5a	2nd floor – exterior – east wall – red asphalt shingle siding	Negative	MSSr
5b	2nd floor – exterior – east wall – under red asphalt shingle siding – fiber layer	Negative	MSSr
6a	2nd floor – exterior – south wall – red asphalt shingle siding	Negative	MSSr

Sample #	Location and Description	Results	Homogeneous Code
6b	2nd floor – exterior – south wall – under red asphalt shingle siding – fiber layer	Negative	MSSr
7	2nd floor – exterior – around east window – brown caulk	Positive 2% Chrysotile	MCLKn
7	Point Count Result	Trace 0.5% Chrysotile	MCLKn
8a	2nd floor – exterior – around north window – black tar	Negative	MCLKn
8b	2nd floor – exterior – around north window – brown caulk	Positive 2% Chrysotile	MCLKn
8b	Point Count Result	Trace 0.5% Chrysotile	MCLKn
9a	2nd floor – exterior – around south window – black tar	Negative	MCLKn
9b	2nd floor – exterior – around south window – brown caulk	Positive 2% Chrysotile	MCLKn
9b	Point Count Result	Trace 0.75% Chrysotile	MCLKn
10	2nd floor – rear stair – on south window – glazing compound	Negative	MPG
11	Basement – on south window – glazing compound	Negative	MPG
12	1st floor – living room – on west window – glazing compound	Negative	MPG
13a	1st floor – front entry – north wall patch – drywall	Negative	MDW
13b	1st floor – front entry – north wall patch – joint compound	Negative	MDW
14a	1st floor – bathroom – west wall – drywall	Negative	MDW
14b	1st floor – bathroom – west wall – joint compound	Negative	MDW
15a	1st floor – northeast bedroom closet – west wall – drywall	Negative	MDW
15b	1st floor – northeast bedroom closet – west wall – joint compound	Negative	MDW
16	1st floor – living room – in floor debris – plaster base coat	Negative	SPl
16	1st floor – living room – in floor debris – plaster skim coat	Negative	SPl
17	1st floor – northwest bedroom – in floor debris – plaster	Negative	SPl
18	1st floor – northeast bedroom – north wall – plaster	Negative	SPl
19	2nd floor – dining room – ceiling – plaster	Negative	SPl
20	2nd floor – northeast bedroom – west wall – plaster	Negative	SPl
21a	1st floor – bathroom – brown linoleum	Negative	MFLn
21b	1st floor – bathroom – under brown linoleum – tan mastic	Negative	MFLn
22a	1st floor – bathroom – on north wall – fiber panel	Negative	MPMl
22b	1st floor – bathroom – on north wall under wood panel – yellow mastic	Negative	MPMl
23	1st floor – bathroom – on tub – white caulk	Negative	MCLKw
24	1st floor – kitchen east side – tan linoleum	Negative	MFLt
25a	1st floor – kitchen center – tan linoleum	Negative	MFLt
25b	1st floor – kitchen center – under tan linoleum – gray mastic	Negative	MFLt
26	1st floor – kitchen west side – tan linoleum	Negative	MFLt
27	1st floor – pantry – cream and black linoleum	Negative	MFLck
28a	1st floor – rear stair landing – under floor tile – black paper insulation	Negative	MPIk
28b	1st floor – rear stair landing – under black paper insulation – white mastic	Negative	MPIk
29a	1st floor – rear stair – on steps – black linoleum	Negative	MFLk
29b	1st floor – rear stair – on steps – under black linoleum – yellow mastic	Negative	MFLk
29c	1st floor – rear stair – on steps – under yellow mastic – black backing	Negative	MFLk

Sample #	Location and Description	Results	Homogeneous Code
30a	2nd floor – kitchen – beige linoleum	Negative	MFLe
30b	2nd floor – kitchen – under beige linoleum – tan mastic	Negative	MFLe
30c	2nd floor – kitchen – under mastic – leveling compound	Negative	MFLe
31a	2nd floor – pantry – on counter – gray linoleum	Negative	MFLy
31b	2nd floor – pantry – on counter – under gray linoleum – gray mastic	Negative	MFLy
32	2nd floor – kitchen – in floor debris – blown in insulation	Negative	MBI
33	2nd floor – dining room – in floor debris – blown in insulation	Negative	MBI
34	2nd floor – northeast bedroom – in west wall – blown in insulation	Negative	MBI
35a	Basement – stair – on steps top layer – beige and black linoleum	Negative	MFLek
35b	Basement – stair – on steps top layer – under beige and black linoleum – clear mastic	Negative	MFLek
35c	Basement – stair – on steps 2nd layer – brown linoleum	Negative	MFLn
35d	Basement – stair – on steps 2nd layer – under brown linoleum – clear mastic	Negative	MFLn
36	Basement – northeast room – south side – 1' x 1' smooth ceiling tile	Negative	MSCT11S
37	Basement – northeast room – center – 1' x 1' pinholed ceiling tile	Negative	MSCT11P
38	Basement – northeast room – roll on floor – white and blue linoleum	Negative	MFLwb
39	Basement – on south side of chimney – light gray flue packing	Negative	TFPylight
40a	**Basement – on east side of chimney – gray flue packing bottom layer**	**Positive 4% Chrysotile**	**TFPy**
40b	Basement – on east side of chimney – gray flue packing top layer	Negative	TFPy
40c	Basement – on east side of chimney – clear caulk	Negative	MCLKcl
41	Basement – southwest room – roll on floor – black and gray linoleum	Negative	MFLky
42	2nd floor – hall – top layer – tan and brown linoleum	Negative	MFLtn
43a	2nd floor – bathroom – 2nd layer – on cream and tan linoleum – beige mastic	Negative	MFLct
43b	2nd floor – bathroom – 2nd layer – cream and tan linoleum	Negative	MFLct
43c	2nd floor – bathroom – 2nd layer – under cream and tan linoleum – beige mastic	Negative	MFLct
43d	2nd floor – bathroom – 3rd layer – leveling compound	Negative	MFLct
44a	2nd floor – bathroom – on northwest wall under plastic panel – cream mastic	Negative	MPMc
44b	2nd floor – bathroom – on northwest wall under plastic panel – under cream mastic – joint compound layer	Negative	MPMc

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
Gray Flue Packing	TFPy	Basement on east/West/North Sides of Chimney	3 SF	Friable

One of the materials sampled contains less than 1% asbestos, as verified by point count analysis, and is not an ACM:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Brown Caulk	MCLKn	Exterior Around 2nd Floor Windows & Doors	18 Windows & 2 Doors	Category II Non-Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Building Roof	1,400 SF	Category I Non-Friable
Floor Tile & Mastic	2nd Floor Rear Stair/Kitchen/Hall/Bathroom	300 SF	Category I Non-Friable

Note #1: The flue packing is a friable asbestos containing material and meets the definition of regulated asbestos containing material (RACM) in NR 447 The 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 the flue packing be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
MPT	Tar Paper
MSSr	Red Asphalt Shingle Siding
MPIs	Silver Paper Insulation
MPIk	Black Paper Insulation
MCLKn	Brown Caulk
MCLKc	Cream Caulk
MCLKcl	Clear Caulk
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MFLn	Brown Linoleum
MFLt	Tan Linoleum
MFLck	Cream & Black Linoleum
MFLk	Black Linoleum
MFLe	Beige Linoleum
MFLy	Gray Linoleum
MFLek	Beige & Black Linoleum
MFLn	Brown Linoleum
MFLwb	White & Blue Linoleum

Homogeneous Material Codes

MFLky	Black & Gray Linoleum
MFLtn	Tan & Brown Linoleum
MFLct	Cream & Tan Linoleum
MPMl	Yellow Wall Panel Mastic
MPMc	Cream Wall Panel Mastic
MSCT11S	1' x 1' Smooth Ceiling Tile
MSCT11P	1' x 1' Pinholed Ceiling Tile
MBI	Blown in Insulation
TFPy	Gray Flue Packing
TFPylight	Light Gray Flue Packing

V. EXCLUSIONS

2nd floor kitchen and pantry floors fire damaged – rooms accessible only near rear stair. 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A	Old Thermostats
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

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

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

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

VIII. ASBESTOS 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

Order #: 375561

Attn:

Received 06/26/20
Analyzed 06/27/20
Reported 06/29/20

Project:
Location: Wisconsin
Number: 20-400-020.3620

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
375561-001	06/12/20	1	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
375561-002	06/12/20	2	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
375561-003	06/12/20	3	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
375561-004	06/12/20	4	Wisconsin		
Layer 1: Shingle Brown/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: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
Layer 3: Paper Silver/Tan, Soft/Fibrous				None Detected	60% CELLULOSE FIBER 20% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
375561-005	06/12/20	5	Wisconsin		
Layer 1: Shingle Brown/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: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 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: 20-400-020.3620

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
375561-006	06/12/20	6	Wisconsin		
Layer 1: Shingle Brown/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: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
375561-007	06/12/20	7	Wisconsin		
Layer 1: Granular Material White, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375561-008	06/12/20	8	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Brittle Material Brown, Brittle				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375561-009	06/12/20	9	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Brittle Material Brown, Brittle				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
375561-010	06/12/20	10	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
375561-011	06/12/20	11	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
375561-012	06/12/20	12	Wisconsin		
Layer 1: Brittle Material Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3620

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
375561-013	06/12/20	13	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	8% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 88% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-014	06/12/20	14	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	8% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 88% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-015	06/12/20	15	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	8% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 88% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-016	06/12/20	16	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-017	06/12/20	17	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
375561-018	06/12/20	18	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
375561-019	06/12/20	19	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3620

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
375561-020	06/12/20	20	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
375561-021	06/12/20	21	Wisconsin		
Layer 1: Tile Black, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375561-022	06/12/20	22	Wisconsin		
Layer 1: Board Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375561-023	06/12/20	23	Wisconsin		
Layer 1: Caulk White, Rubbery				None Detected	100% NON FIBROUS MATERIAL
375561-024	06/12/20	24	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
375561-025	06/12/20	25	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Soft Material Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
375561-026	06/12/20	26	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
375561-027	06/12/20	27	Wisconsin		
Layer 1: Tile Beige/Gray, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3620

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
375561-028	06/12/20	28	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 2: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-029	06/12/20	29	Wisconsin		
Layer 1: Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Backing Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
375561-030	06/12/20	30	Wisconsin		
Layer 1: Tile White/Black, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Granular Material Yellow, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-031	06/12/20	31	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 2: Granular Material Gray/Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-032	06/12/20	32	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375561-033	06/12/20	33	Wisconsin		
Layer 1: Insulation Tan, 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: 20-400-020.3620

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
375561-034	06/12/20	34	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375561-035	06/12/20	35	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Tile Brown/Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
375561-036	06/12/20	36	Wisconsin		
Layer 1: Board Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
375561-037	06/12/20	37	Wisconsin		
Layer 1: Board Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
375561-038	06/12/20	38	Wisconsin		
Layer 1: Tile White, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
375561-039	06/12/20	39	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-040	06/12/20	40	Wisconsin		
Layer 1: Granular Material White, Granular				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Granular Material Gray, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: 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: 20-400-020.3620

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
375561-041	06/12/20	41	Wisconsin		
Layer 1: Tile Black/Brown, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
375561-042	06/12/20	42	Wisconsin		
Layer 1: Tile Black, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
375561-043	06/12/20	43	Wisconsin		
Layer 1: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile Beige, Organically Bound				None Detected	15% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Layer 3: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 4: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
375561-044	06/12/20	44	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Adhesive Clear, Brittle				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 72

375561-06/29/20 11:37 AM

Analyst **Senhory Abdellatif**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

375561 X 44

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fghraizi 6/26/2020 9:54:17 AM
UPS 1Z2E28998462047635

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/12/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 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**	☐ YES ☐ 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	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/12/20								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 1200

! 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**	☐ YES ☐ 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	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/12/20								
22									
23									
24									
25									
26									
27									
28									
29									
30									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/2020

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
31	6/12/20								
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 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

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

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Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
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- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
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- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
41	6/12/20								
42	"								
43	"								
44	"								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/2020

! 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

Order #: 376018

Attn:

Received 06/26/20
Analyzed 07/01/20
Reported 07/02/20

Project:
Location: Wisconsin
Number: 20-400-020.3620

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
376018-001	06/12/20	7	Wisconsin		
Layer 1: Granular Material White, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376018-002	06/12/20	8	Wisconsin		
Layer 1: Brittle Material Brown, Brittle, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
376018-003	06/12/20	9	Wisconsin		
Layer 1: Brittle Material Brown, Brittle, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL

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

376018-07/02/20 09:27 AM

Analyst **Senhory Abdellatif**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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.

376018 X 3

V:\376\376018

abruner 7/1/2020 9:24:20 AM

UPS

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**	☐ YES ☐ 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 375561			
Project Number	20-400-020.3620				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests

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- ☐ Soil
- ☐ Wipe
- ☒ Bulk
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Metals Total

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- ☐ Mercury
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- ☐ Lead
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- ☐ Silica XRD (7500)

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
7	6/12/20								
8			Layer 2						
9			Layer 2						

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/1/20 740

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

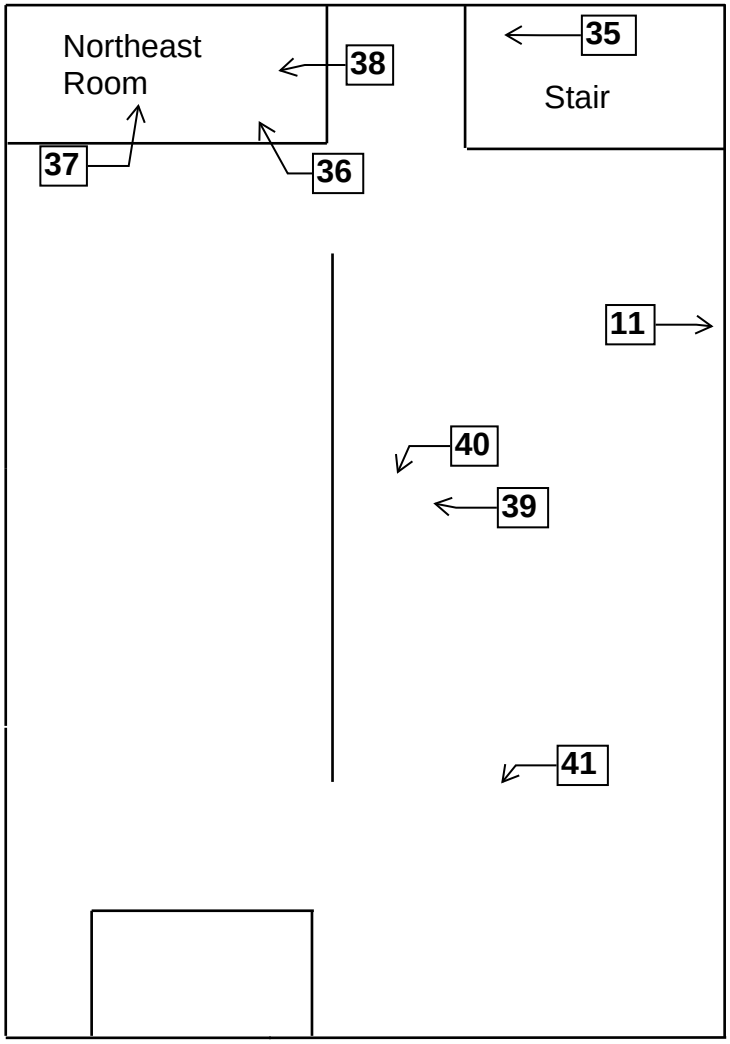
Chain-of-Custody documentation continued internally. Terms and conditions page 2

IX. FLOOR PLANS

Two Family Dwelling
3620 North 27th Street
Milwaukee, Wisconsin

N

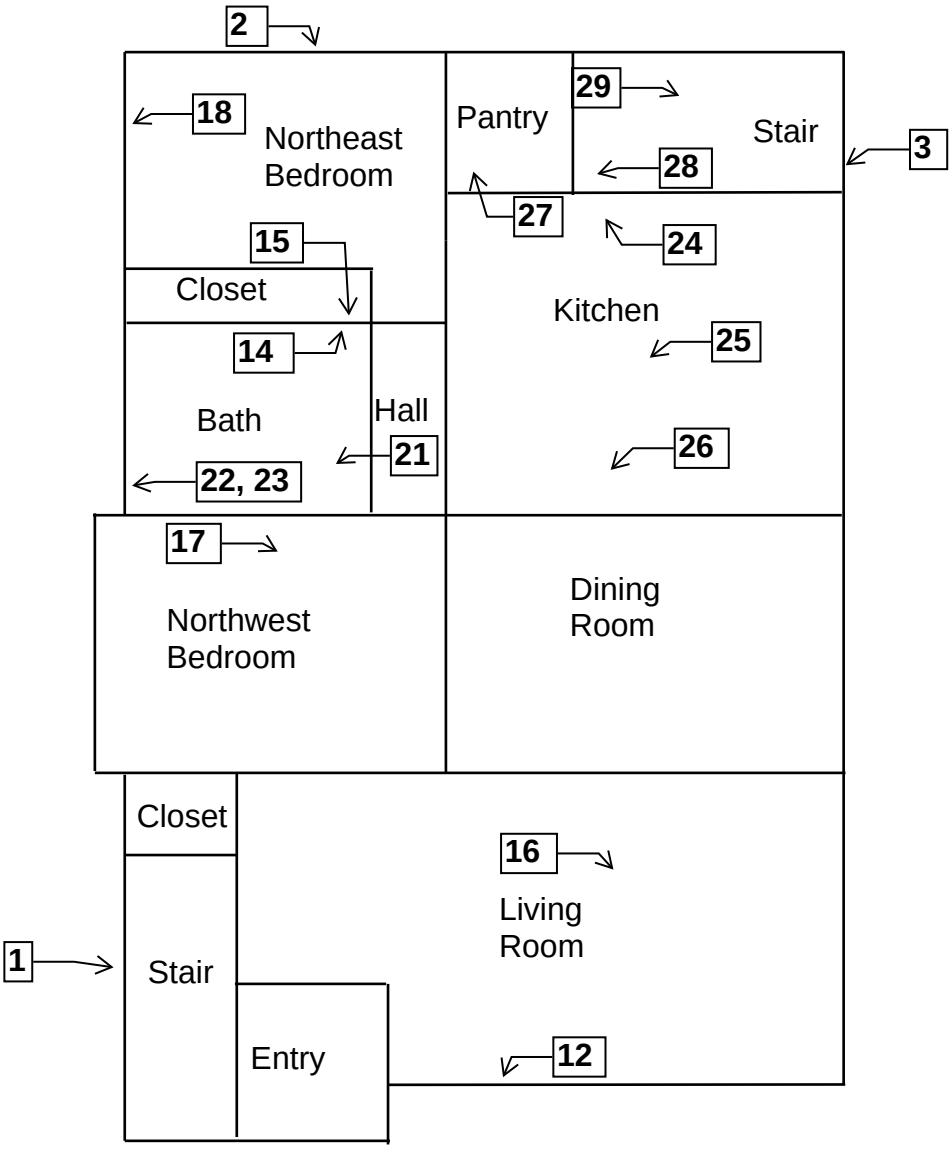
Basement Floor Plan



Two Family Dwelling
3620 North 27th Street
Milwaukee, Wisconsin

N

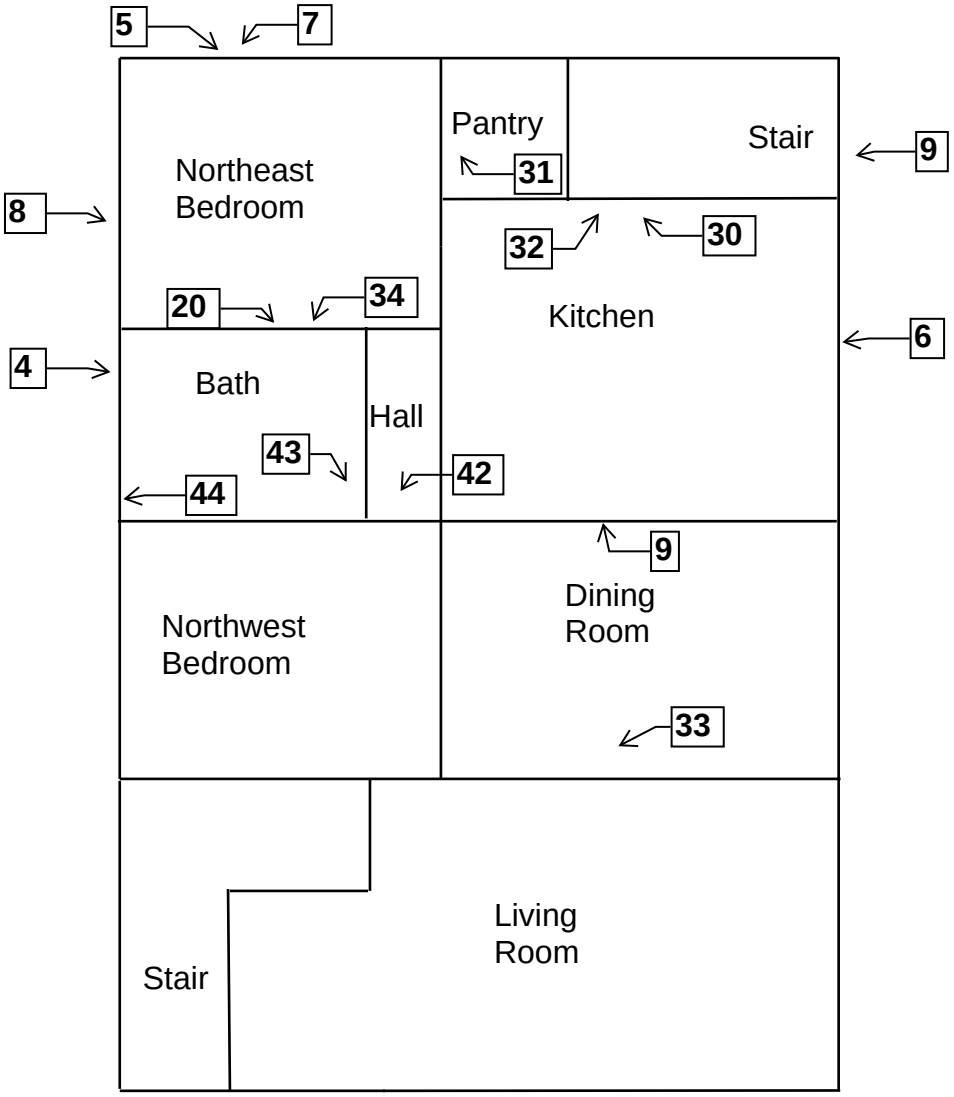
1st Floor Plan



Two Family Dwelling
3620 North 27th Street
Milwaukee, Wisconsin

N

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: 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

December 6, 2019

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date. Find lead training providers at 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 or 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 own and others' health and show professional responsibility. Contact us if you have a
below and on the back of your blue card.

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

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.1508
Inspector: Damian Rogowski
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

Damian Rogowski
Asbestos Inspector No. AII – 161300
Expiration Date: 3/23/21
Harenda Management Group

July 1, 2020

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

RE: Pre-Demolition Inspection Report
1508 North Farwell Avenue
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the mixed use building at 1508 North Farwell 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 of the mixed use building at 1508 North Farwell Avenue, 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 in any material sampled during the inspection. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the building. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 1508 North Farwell Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has wood siding and 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 June 15, 2020, HMG conducted an asbestos inspection of a mixed use building, scheduled for mechanical demolition, located at 1508 North Farwell 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.
4. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Tar paper
- Window glazing compound
- Drywall/joint compound
- Plaster
- Paper insulation
- Pipe insulation
- Blown in insulation
- Sink undercoat
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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. ASBESTOS 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 – north wall under wood siding – black paper insulation	Negative	MPIk
2	Exterior – southwest wall under wood siding – black paper insulation	Negative	MPIk
3	Exterior – southeast wall under wood siding – black paper insulation	Negative	MPIk
4	1st floor – kitchen – on east window – glazing compound	Negative	MPG
5	Basement – on north window – glazing compound	Negative	MPG
6	2nd floor – west bedroom – on north window – glazing compound	Negative	MPG
7a	1st floor – living room – south wall – drywall	Negative	MCLKw
7b	1st floor – living room – south wall – joint compound	Negative	MCLKw
8a	2nd floor – north bedroom – southeast wall – drywall	Negative	MCLKw
8b	2nd floor – north bedroom – southeast wall – joint compound	Negative	MCLKw
9a	2nd floor – front stair – south wall – drywall	Negative	MCLKw
9b	2nd floor – front stair – south wall – joint compound	Negative	MCLKw
10a	1st floor – living room – north wall – plaster base coat	Negative	SPl
10b	1st floor – living room – north wall – plaster skim coat	Negative	SPl
11	1st floor – bathroom – south wall – plaster	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
12a	2nd floor – living room – east wall – plaster base coat	Negative	SPl
12b	2nd floor – living room – east wall – plaster skim coat	Negative	SPl
13a	2nd floor – west bedroom – west wall – plaster base coat	Negative	SPl
13b	2nd floor – west bedroom – west wall – plaster skim coat	Negative	SPl
14a	2nd floor – north bedroom – north wall – plaster base coat	Negative	SPl
14b	2nd floor – north bedroom – north wall – plaster skim coat	Negative	SPl
15	1st floor – kitchen – north side under floor tile – tar paper	Negative	MPT
16a	1st floor – kitchen – center under floor tile – tar paper	Negative	MPT
16b	1st floor – kitchen – center under tar paper – tan mastic	Negative	MPT
17a	1st floor – kitchen – south side under floor tile – tar paper	Negative	MPT
17b	1st floor – kitchen – south side under tar paper – tan mastic	Negative	MPT
18a	Basement – northeast on pipe in ceiling – yellow wrap	Negative	MPW
18b	Basement – northeast on pipe in ceiling – tan paper	Negative	MPW
18c	Basement – northeast on pipe in ceiling – white paste	Negative	MPW
19	Attic – west side on floor – blown in insulation	Negative	MBI
20	Attic – center on floor – blown in insulation	Negative	MBI
21	Attic – east side on floor – blown in insulation	Negative	MBI
22	2nd floor – kitchen – on sink – gray undercoat	Negative	MSUy

None of the materials sampled contain asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Building Roof	1,300 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Living Room/Bedroom/Kitchen 2nd Floor All Rooms	1,300 SF	Category I Non-Friable

Note #1: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
MPIk	Black Paper Insulation
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MPT	Tar Paper
MPW	Pipe Wrap
MPIs	Silver Paper Insulation
MBI	Blown in Insulation
MSUy	Gray Sink Undercoat

V. EXCLUSIONS

Rear stair 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 2nd Floor Living Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS – 9 Electrical Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters in Basement

VIII. ASBESTOS 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

Order #: 375559

Attn:

Received 06/26/20
Analyzed 06/29/20
Reported 06/30/20

Project:
Location: Wisconsin
Number: 20-400-020.1508

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
375559-001	06/15/20	1	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
375559-002	06/15/20	2	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
375559-003	06/15/20	3	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
375559-004	06/15/20	4	Wisconsin		
Layer 1: Caulk Off White, Brittle				None Detected	100% NON FIBROUS MATERIAL
375559-005	06/15/20	5	Wisconsin		
Layer 1: Caulk Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
375559-006	06/15/20	6	Wisconsin		
Layer 1: Caulk Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
375559-007	06/15/20	7	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% 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: 20-400-020.1508

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
375559-008	06/15/20	8	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-009	06/15/20	9	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-010	06/15/20	10	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-011	06/15/20	11	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular No skim coat found.				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
375559-012	06/15/20	12	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-013	06/15/20	13	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	6% ANIMAL HAIR 94% 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: 20-400-020.1508

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
375559-014	06/15/20	14	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-015	06/15/20	15	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous One layer found.				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
375559-016	06/15/20	16	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375559-017	06/15/20	17	Wisconsin		
Layer 1: Tar Paper Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 2: Mastic/Fibrous Mtrl Tan, Soft/Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
Unable to separate individual layers.					
375559-018	06/15/20	18	Wisconsin		
Layer 1: Insulation Yellow, Fibrous				None Detected	90% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
Layer 2: Tape Tan, Fibrous				None Detected	75% CELLULOSE FIBER 25% NON FIBROUS MATERIAL
Layer 3: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
375559-019	06/15/20	19	Wisconsin		
Layer 1: Insulation Tan, 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: 20-400-020.1508

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
375559-020	06/15/20	20	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375559-021	06/15/20	21	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375559-022	06/15/20	22	Wisconsin		
Layer 1: Brittle Material Gray, Brittle				None Detected	7% CELLULOSE FIBER 93% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 33

375559-06/30/20 09:35 AM

Analyst **Senhory Abdellatif**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

375559 X 22

V:\375\375559

fghraizi 6/26/2020 9:54:17 AM
UPS 1Z2E28998462047635

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.1508				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/15/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/20 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**	☐ YES ☐ 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	20-400-020.1508				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/15/20								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/2020

! 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**	☐ YES ☐ 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	20-400-020.1508				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

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Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/15/20								
22	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/25/2020

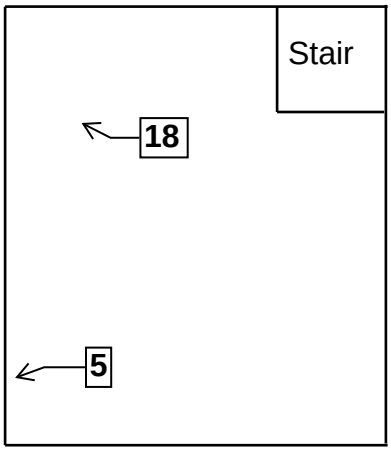
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

N

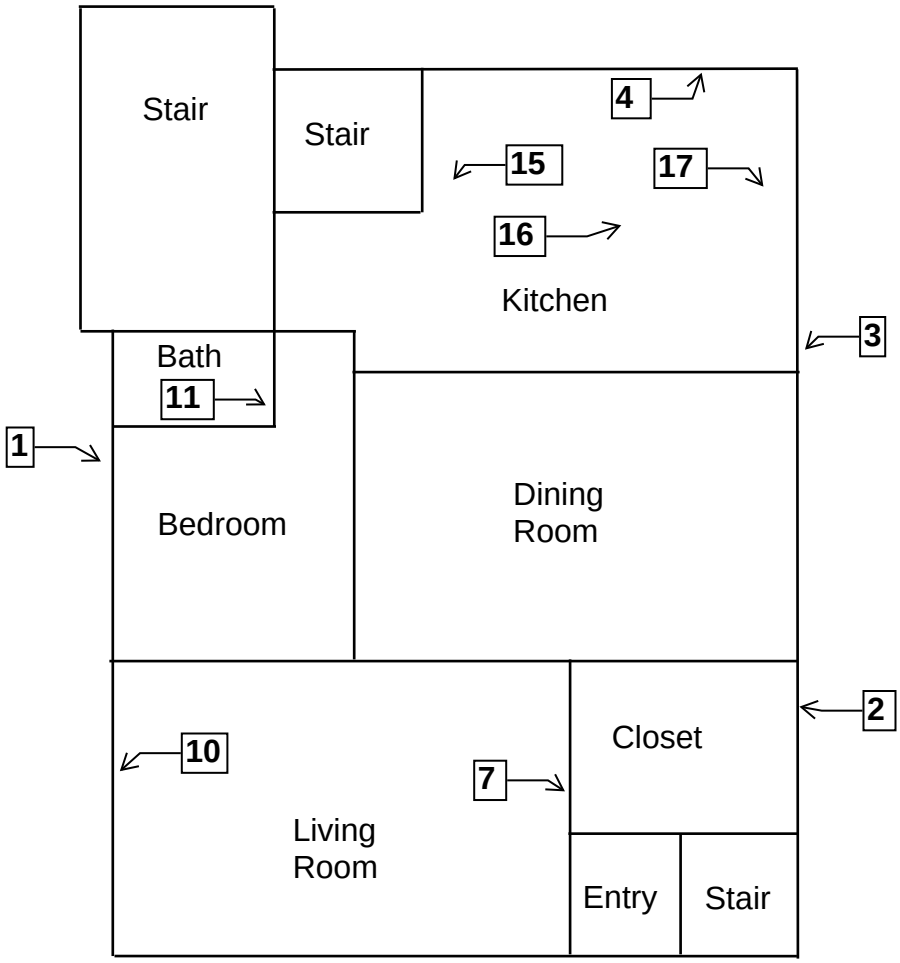
Basement Floor Plan



Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

N

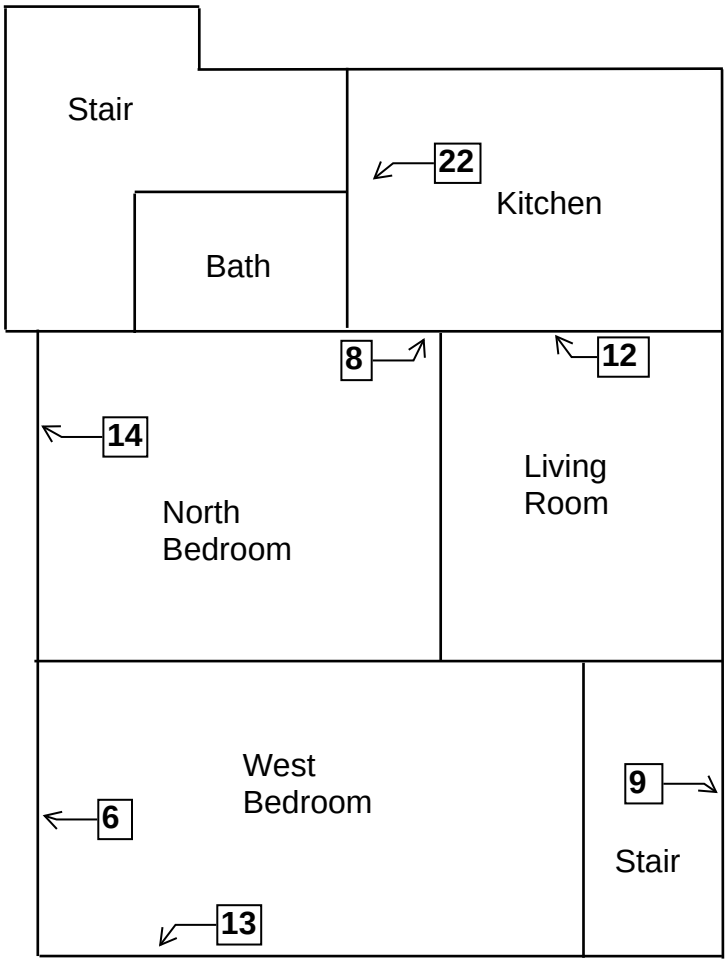
1st Floor Plan



Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

N

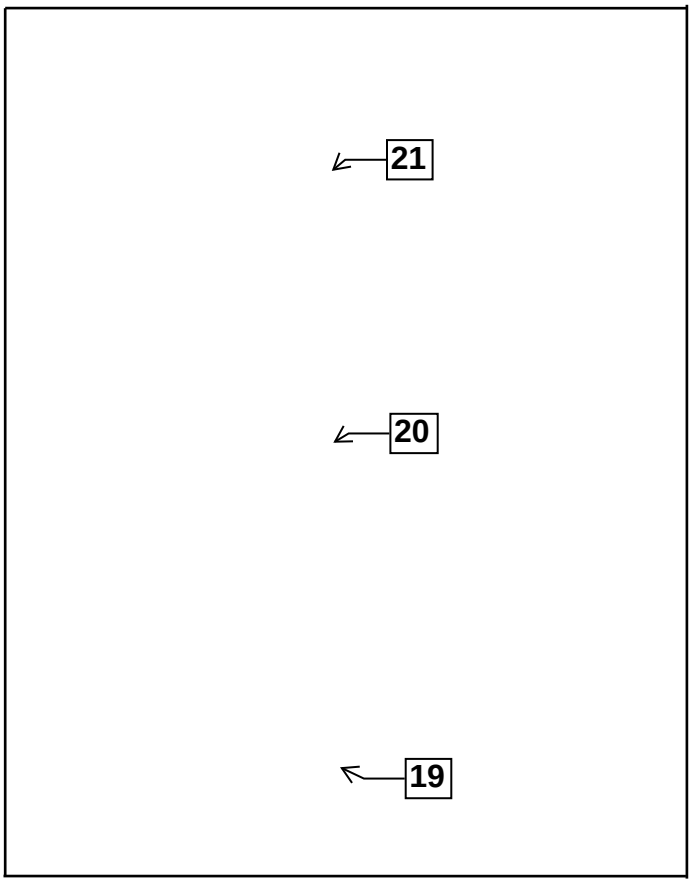
2nd Floor Plan



Mixed Use Building
1508 North Farwell Avenue
Milwaukee, Wisconsin

N

Attic 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

Tony Evers
Governor

Andrea Palm April 1, 2020
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

DAMIAN SCOTT ROGOWSKI
3521 ASCOT DR
MT PLEASANT WI 53406-5205

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date.
     Find lead training providers at 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 or 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 saf , show professional responsibility. Contact mation is below and on the back of your blue

The Lead and Asbestos Certificati
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 20-400-020.2141
Inspector: Damian Rogowski
Contract No.: 360-20-0975

Prepared by:

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

July 2020

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

Dean Jacobsen
Asbestos Inspector No. AII – 14370
Expiration Date: 12/2/20
Harenda Management Group

Damian Rogowski
Asbestos Inspector No. AII – 161300
Expiration Date: 3/23/21
Harenda Management Group

July 2, 2020

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

RE: Pre-Demolition Inspection Report
2141 North Lindsay Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 2141 North Lindsay 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 at 2141 North Lindsay 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 exterior transite siding and in basement flue packing sampled during the inspection. Asbestos was not detected in any other material sampled. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic on the building. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-Demolition Inspection Report

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 at 2141 North Lindsay Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has transite and wood siding and 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 June 15, 2020, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 2141 North Lindsay 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. Quantification of observable universal wastes within the spaces.

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of asbestos 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 U.S. EPA NESHAP regulation 40 CFR 61 Subpart M, and NR 447 of the Wisconsin Administrative Code:

- Transite siding
- Paper insulation
- Tar paper
- Window glazing compound
- Drywall/joint compound
- Plaster
- Linoleum
- Blown in insulation
- Flue packing
- 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. 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, crodcidolite, anthophyllite, and actinolite/tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current federal and Wisconsin regulations state asbestos containing material 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. ASBESTOS 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 – south wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – west wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – east wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
4a	Exterior – south wall under transite siding – silver paper insulation	Negative	MPIs
4b	Exterior – south wall under transite siding – tar paper	Negative	MPT
5	Exterior – west wall under transite siding – silver paper insulation	Negative	MPIs
6	Exterior – east wall under transite siding – silver paper insulation	Negative	MPIs
7	1st floor – living room – on south window – glazing compound	Negative	MPG
8	1st floor – northeast bedroom – on east window – glazing compound	Negative	MPG
9	Basement – on north window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
10a	1st floor – living room – ceiling – drywall	Negative	MDW
10b	1st floor – living room – ceiling – joint compound	Negative	MDW
11a	1st floor – bathroom – north wall – drywall	Negative	MDW
11b	1st floor – bathroom – north wall – joint compound	Negative	MDW
12a	Basement – stair – west wall – drywall	Negative	MDW
12b	Basement – stair – west wall – joint compound	Negative	MDW
13	1st floor – living room – ceiling – under drywall – plaster	Negative	SPl
14	1st floor – hall – north wall – plaster	Negative	SPl
15	2nd floor – living room – north wall – plaster	Negative	SPl
16a	2nd floor – rear stair landing – white and green linoleum	Negative	MFLwg
16b	2nd floor – rear stair landing – under white and green linoleum – tan mastic	Negative	MFLwg
17	Attic – north side on floor – blown in insulation	Negative	MBI
18	Attic – center on floor – blown in insulation	Negative	MBI
19	Attic – south side on floor – blown in insulation	Negative	MBI
20a	2nd floor – bathroom top layer – brown linoleum	Negative	MFLn
20b	2nd floor – bathroom top layer – under brown linoleum – beige mastic	Negative	MFLn
20c	2nd floor – bathroom 2nd layer – tan paper insulation	Negative	MPIt
21	**Basement – on chimney – flue packing**	**Positive 60% Chrysotile**	**TFP**

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Transite Siding	MTP	Exterior Walls	2,400 SF	Category II Non-Friable
Flue Packing	TFP	Basement on Chimney	3 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	Dwelling Roof	1,200 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Hall/Bath/Bedroom/Kitchen/Pantry 2nd Floor Stair/Hall/Kitchen/Bath/Pantry	700 SF	Category I Non-Friable

Note #1: The flue packing is a friable asbestos containing material and meets the definition of regulated asbestos containing material (RACM) in NR 447 The transite siding is a category II non-friable asbestos containing material and will likely become RACM during demolition activities. 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 the flue packing and transite siding be abated prior to demolition.

Note #2: The asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials. Under NR 447 they do not currently meet the definition of a 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

SPl	Plaster
MTP	Transite
MPIs	Silver Paper Insulation
MPIt	Tan Paper Insulation
MPT	Tar Paper
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MFLwg	White & Green Linoleum
MFLn	Brown Linoleum
MBI	Blown in Insulation
TFP	Flue Packing

V. EXCLUSIONS

1st floor northwest bedroom floor buried in fire debris 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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 4 Electrical Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 1 Gas Meter on Exterior

VIII. ASBESTOS 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

Attn:

Order #: 375908

Received 06/30/20
Analyzed 06/30/20
Reported 07/01/20

Project:
Location: Wisconsin
Number: 20-400-020.2141

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
375908-001	06/15/20	1	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375908-002	06/15/20	2	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375908-003	06/15/20	3	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
375908-004	06/15/20	4	Wisconsin		
Layer 1: Tape Silver/Tan, Soft/Fibrous				None Detected	50% CELLULOSE FIBER 30% METAL FOIL 20% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Black, Bituminous/Fibrous				None Detected	75% CELLULOSE FIBER 25% NON FIBROUS MATERIAL
375908-005	06/15/20	5	Wisconsin		
Layer 1: Tape Silver/Tan, Soft/Fibrous One layer found.				None Detected	50% CELLULOSE FIBER 30% METAL FOIL 20% NON FIBROUS MATERIAL
375908-006	06/15/20	6	Wisconsin		
Layer 1: Tape Silver/Tan, Soft/Fibrous One layer found.				None Detected	50% CELLULOSE FIBER 30% METAL FOIL 20% NON FIBROUS MATERIAL
375908-007	06/15/20	7	Wisconsin		
Layer 1: Granular Material 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: 20-400-020.2141

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
375908-008	06/15/20	8	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
375908-009	06/15/20	9	Wisconsin		
Layer 1: Granular Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
375908-010	06/15/20	10	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375908-011	06/15/20	11	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375908-012	06/15/20	12	Wisconsin		
Layer 1: Sheetrock White, Powdery				None Detected	8% CELLULOSE FIBER 92% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
375908-013	06/15/20	13	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
375908-014	06/15/20	14	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
375908-015	06/15/20	15	Wisconsin		
Layer 1: Plaster Gray, Hard/Granular				None Detected	2% ANIMAL HAIR 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: 20-400-020.2141

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
375908-016	06/15/20	16	Wisconsin		
Layer 1: Felt Paper Gray/Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
375908-017	06/15/20	17	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375908-018	06/15/20	18	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375908-019	06/15/20	19	Wisconsin		
Layer 1: Insulation Tan, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
375908-020	06/15/20	20	Wisconsin		
Layer 1: Linoleum Beige, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 20% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Backing Tan, Fibrous				None Detected	75% CELLULOSE FIBER 25% NON FIBROUS MATERIAL
375908-021	06/15/20	21	Wisconsin		
Layer 1: Fibrous Material Gray, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 28

375908-07/01/20 07:55 AM

Analyst **Senhory Abdellatif**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

375908 X 21

V:\375\375908

fghraizi 6/30/2020 8:59:31 AM
UPS 1Z2E28998464991245

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.2141				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/15/20								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/29/20 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

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.2141				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/15/20								
12									
13									
14									
15									
16									
17									
18									
19									
20	↓								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/29/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ 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	20-400-020.2141				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21	6/15/20								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 6/29/20 1700

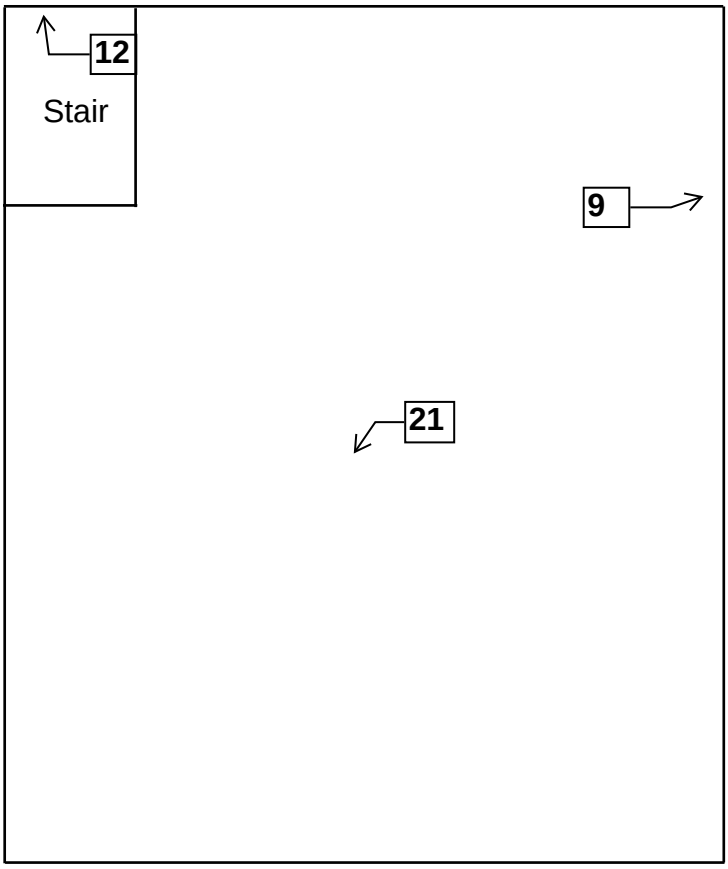
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

Two family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

N

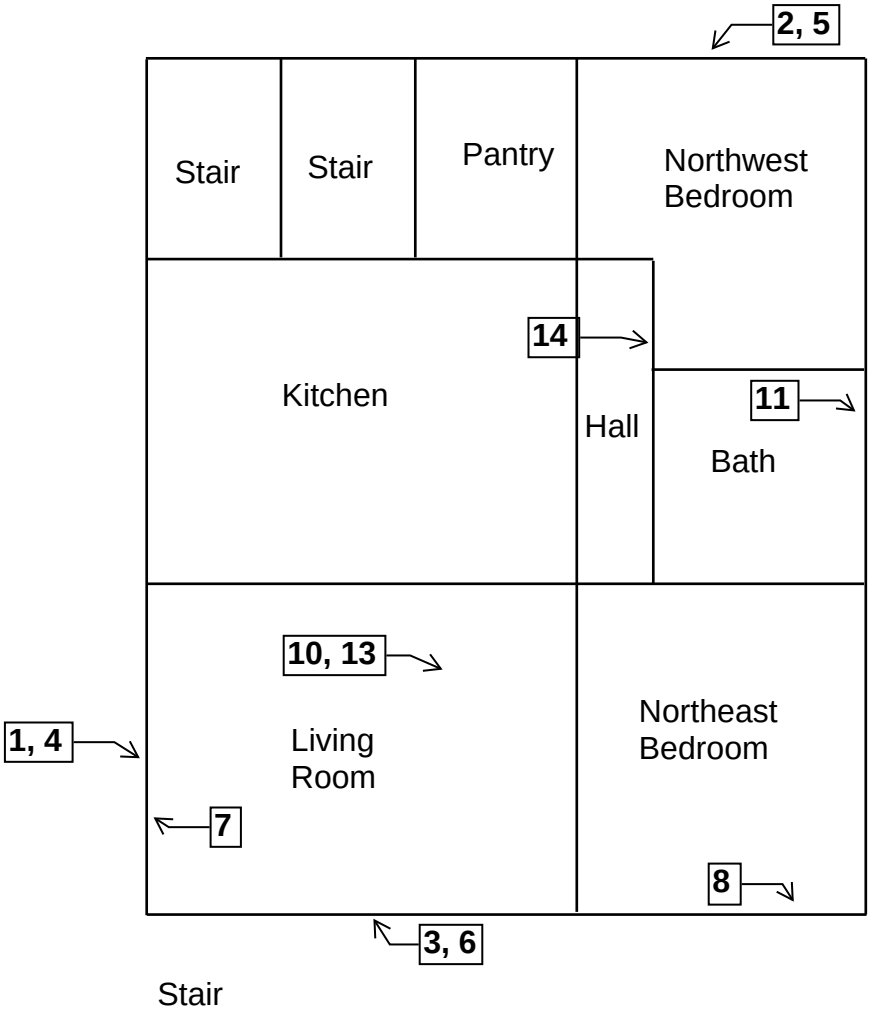
Basement Floor Plan



Two family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

N

1st Floor Plan



Two family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

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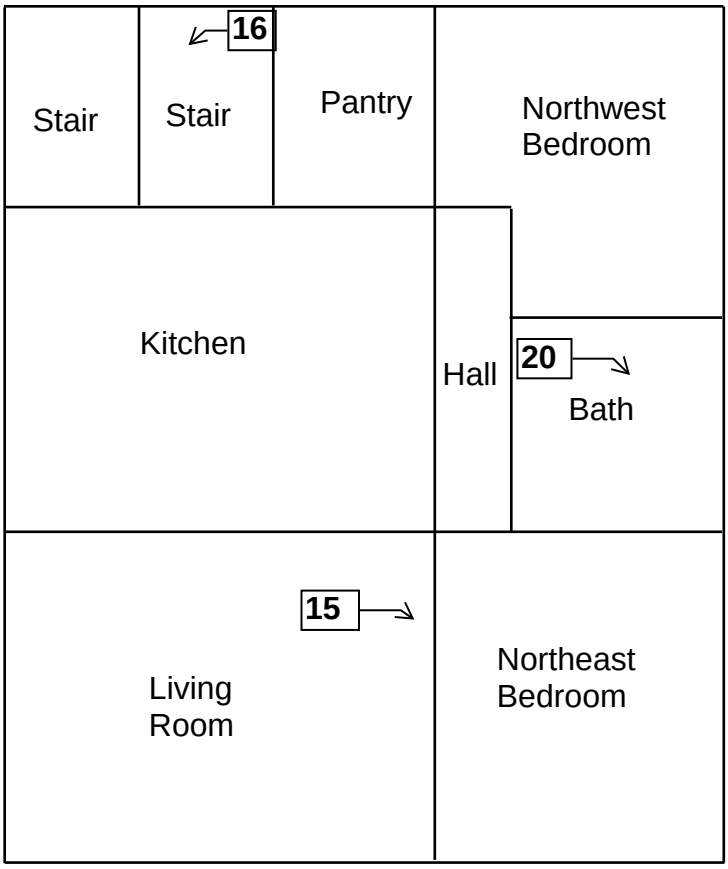
2nd Floor Plan



Two family Dwelling
2141 North Lindsay Street
Milwaukee, Wisconsin

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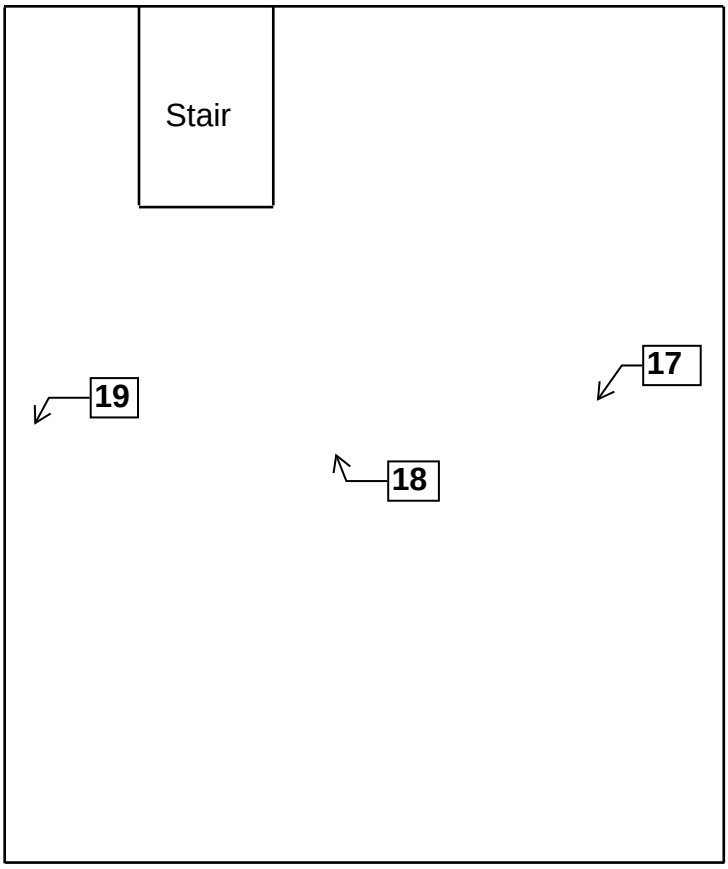
Attic Floor Plan



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

Tony Evers
Governor

Andrea Palm April 1, 2020
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

DAMIAN SCOTT ROGOWSKI
3521 ASCOT DR
MT PLEASANT WI 53406-5205

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, by using our Lead and Asbestos Online Certification website, 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.
   - 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.
   - Lead-certified individuals can refresh up to **1 year** before the due date.
     Find lead training providers at 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 or 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 saf , show professional responsibility. Contact mation is below and on the back of your blue

The Lead and Asbestos Certificati
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

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 coursescope 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 presentconsistent 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 lawshould 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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