OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 7-20-20

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 four (4) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time)** on **Friday, July 17, 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, July 20, 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 072020" 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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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.***

Braille	Alternative formats are available upon request for individuals with disabilities.
Large Print	Contact the City of Milwaukee ADA Coordinator at (414) 286-3475 or ADACoordinator@milwaukee.gov.

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

July 6, 2020
July 8, 2020

BID DOCUMENTS

FOR

MECHANICAL DEMOLITION PROJECT

OPENING MONDAY, JULY 20, 2020

BIDS MUST BE RECEIVED IN DROP BOX BY FRIDAY, JULY 17, 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, JULY 20, 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 — 3063 North 21st Street – 1.5-story frame 1-family dwelling

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

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. (12 days to complete)**

Parcel 2 – 2830 North 24th Place – 2-story frame 2-family dwelling

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

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 – 3221 North 24th Place – 2.5-story frame dwelling, two frame garages and two sheds

Remove dwelling, red garage, white garage, garage slabs, sheds on south and north sides of lot, retaining wall at south alley, 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. Asbestos-containing materials and universal waste identified in the report from HMG have been abated by the City's contractor. **(7 days to complete)**

Parcel 4 – 2632-34 North 25th Street – 2.5-story frame 2-family dwelling

Remove dwelling, fences, garage slab, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Barricades are required during 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. (10 days to complete)**

Parcel 5 – 3340 North 25th Street – 1.5-story frame 1-family dwelling

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

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. 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. (7 days to complete)

Parcel 6– 3060 North 26th Street– 2-story frame 1-family dwelling

Remove dwelling, fences on the east and west sides of building, garage slab, sidewalks, concrete steps and railings, trees, bushes and shrubs. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Barricades are required during 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. NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (7 days to complete)**

Parcel 7– 2402 North 28th Street – 2-story masonry/frame 1-family dwelling

Remove fire-damaged dwelling, fences, garage slab, sidewalks, concrete steps, trees, bushes and shrubs, driveway 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. (7 days to complete)

Parcel 8 – 2652 North 28th Street – 2-story frame 1-family dwelling

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

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. (8 days to complete)**

Parcel 9 – 819 West Madison Street – 2-story frame 1-family dwelling

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

The inspection report from Harenda Management Group is included. Asbestos-containing materials and universal waste identified in the report from HMG have been abated by the City's contractor. **(4 days to complete)**

Parcel 10 – 1337-39 West Washington Street – 1.5-story frame 1-family dwelling

Remove dwelling, fences, sidewalks, clothes poles, 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. Asbestos-containing materials and universal waste identified in the report from HMG have been abated by the City's contractor. **(4 days to complete)**

All parcels are owned by the City of Milwaukee.

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 four (4) secondary buildings located in the City of Milwaukee, for mechanical Demolition Project opening July 20, 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____.

_____

OFFICIAL ADDRESS

Company Name

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 7-20-20
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	3063 North 21st Street	1.5	frame	dwelling	1	CITY	21,600
2	2830 North 24th Place	2	frame	dwelling	2	CITY	26,000
3	3221 North 24th Place	2.5	frame	dwelling	3	CITY	47,200
	3221 North 24th Place	1	frame	garage	-	CITY	4,410
	3221 North 24th Place	1	frame	garage	-	CITY	4,800
	3221 North 24th Place			two sheds	-	CITY	3,600
4	2632-34 North 25th Street	2.5	frame	dwelling	2	CITY	28,800
5	3340 North 25th Street	1.5	frame	dwelling	1	CITY	17,600
6	3060 North 26th Street	2	frame	dwelling	1	CITY	17,280
7	2402 North 28th Street	2	masonry/ frame	dwelling	1	CITY	28,500
8	2652 North 28th Street	2	frame	dwelling	2	CITY	21,600
9	819 West Madison Street	2	frame	dwelling	1	CITY	14,000
10	1337-39 West Washington Street	1.5	frame	dwelling	1	CITY	20,000

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 7-20-20
DEMOLITION OF 10 PRIMARY BUILDINGS AND 4 SECONDARY BUILDINGS

NOW THEREFORE, if the Principal shall be awarded the contract and if his/her Bid shall not have been previously withdrawn in accordance with the provisions of the instructions to Bidders, and if the Principal shall enter into a formal contract with the Building Inspector in accordance with the accepted Bids, said Bid shall be accompanied by good and sufficient surety or sureties for the faithful performance of the work, then this obligation is void and of no effect.
However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond.
Revised 1/01

IN WITNESS WHEREOF, the above-bounded parties have executed this instrument under their several seals this
_____day of _____, 20____, the names and corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

In presence of:

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

Attest:

_____

_____(SEAL)
(Corporate Principal)

_____

_____
(Business Address)

By_____ affix corporate seal

_____

_____

Attest:

_____ _____

_____
(Corporate Surety)

Countersigned

by_____
Attorney-in-Fact

By_____ affix corporate Seal

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

FORM B (3/13)

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

BIDS DUE: 7-20-20

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	TOTAL
1	3063 North 21st Street (dwelling)				
2	2830 North 24th Place (dwelling)				
3	3221 North 24th Place (dwelling/garages/sheds)			Garages: Sheds:	
4	2632-34 North 25th Street (dwelling)				
5	3340 North 25th Street (dwelling)				
6	3060 North 26th Street (dwelling)				
7	2402 North 28th Street (dwelling)				
8	2652 North 28th Street (dwelling)				
9	819 West Madison Street (dwelling)				
10	1337-39 West Washington Street (dwelling)				

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

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

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 18-400-024.3063
Inspector: Cecil Trawick
Contract No.: 360-18-0975

Prepared by:

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

November 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

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

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

November 12, 2018

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

RE: Deconstruction Inspection Report
3063 North 21st Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3063 North 21st 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 3063 North 21st Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in window glazing compound, transite siding, sink undercoat, duct wrap, basement stair linoleum, and flue packing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Painted masonry was not observed. No paint sampler were collected.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 3063 North 21st Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 18, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 3063 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Drywall
- Blown in insulation
- Tar paper
- Glazing compound
- Transite siding
- Paper insulation
- Plaster
- Sink undercoat
- Texture
- Duct wrap
- Linoleum
- Flue packing
- Floor tile

- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	1st floor – living room – north wall – drywall	Negative	MDW
2	2nd floor – west room – south wall – drywall	Negative	MDW
3	2nd floor – southeast bedroom – south wall – drywall	Negative	MDW
4	2nd floor – west room – in south wall – blown in insulation	Negative	MBI
5	2nd floor – northwest bedroom – in north wall – blown in insulation	Negative	MBI
6	2nd floor – southeast bedroom – in south wall – blown in insulation	Negative	MBI
7	Exterior – north wall under wood siding – tar paper	Negative	MPT
8	Exterior – south wall under wood siding – tar paper	Negative	MPT
9	Exterior – east wall under wood siding – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
10	1st floor – dining room – on east window – glazing compound	Negative	MPG
11	**1st floor – kitchen – on south window – glazing compound**	**Positive 3% Chrysotile**	**MPG**
11	**POINT COUNT RESULT**	**Positive 1.5% Chrysotile**	**MPG**
12	2nd floor – living room – on east window – glazing compound	Negative	MPG
13	**Exterior – east wall – transite siding**	**Positive 30% Chrysotile**	**MTP**
14	**Exterior – south wall – transite siding**	**Positive 30% Chrysotile**	**MTP**
15	**Exterior – north wall – transite siding**	**Positive 30% Chrysotile**	**MTP**
16	Exterior – east wall under transite – paper insulation	Negative	MPI
17	Exterior – south wall under transite – paper insulation	Negative	MPI
18	Exterior – north wall under transite – paper insulation	Negative	MPI
19a	1st floor – front entry – south wall – joint compound layer	Negative	SPl
19b	1st floor – front entry – south wall – plaster skim coat	Negative	SPl
19c	1st floor – front entry – south wall – plaster base coat	Negative	SPl
20	1st floor – dining room – south wall – plaster	Negative	SPl
21	1st floor – kitchen – north wall – plaster	Negative	SPl
22a	2nd floor – northwest bedroom – ceiling – joint compound layer	Negative	SPl
22b	2nd floor – northwest bedroom – ceiling – plaster skim coat	Negative	SPl
22c	2nd floor – northwest bedroom – ceiling – plaster base coat	Negative	SPl
23	2nd floor – west room – east wall – plaster	Negative	SPl
24	**1st floor – kitchen – on sink – black undercoat**	**Positive 5% Chrysotile**	**MSUk**
25	1st floor – dining room – on south wall – texture	Negative	STX
26	1st floor – dining room – on ceiling – texture	Negative	STX
27	1st floor – northeast bedroom – on north wall – texture	Negative	STX
28	**2nd floor – northwest bedroom – on east wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
29	**2nd floor – living room – on south wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
30	**1st floor – living room – on west wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
31a	1st floor – front entry – 12” brown and tan floor tile	Negative	MF12nt
31b	1st floor – front entry – under 12” brown and tan floor tile – yellow mastic	Negative	MF12nt
32a	1st floor – kitchen – top layer center – 12” brown and tan floor tile	Negative	MF12nt
32b	1st floor – kitchen – top layer center – under 12” brown and tan floor tile – yellow mastic	Negative	MF12nt
33a	1st floor – kitchen – top layer northwest – 12” brown and tan floor tile	Negative	MF12nt
33b	1st floor – kitchen – top layer northwest – under 12” brown and tan floor tile – yellow mastic	Negative	MF12nt
34a	1st floor – kitchen – 2nd layer southeast – 12” brown floor tile	Negative	MF12n
34b	1st floor – kitchen – 2nd layer southeast – under 12” brown floor tile – yellow mastic	Negative	MF12n

Sample #	Location and Description	Results	Homogeneous Code
35a	1st floor – kitchen – 2nd layer center– 12" brown floor tile	Negative	MF12n
35b	1st floor – kitchen – 2nd layer center – under 12" brown floor tile – yellow mastic	Negative	MF12n
36a	1st floor – kitchen – 2nd layer northwest– 12" brown floor tile	Negative	MF12n
36b	1st floor – kitchen – 2nd layer northwest – under 12" brown floor tile – yellow mastic	Negative	MF12n
37a	1st floor – kitchen – 3rd layer southeast – 12" brown and beige floor tile	Negative	MF12ne
37b	1st floor – kitchen – 3rd layer southeast – under 12" brown and beige floor tile – yellow mastic	Negative	MF12ne
38a	Basement – stair on 2nd step – 12" brown and white floor tile	Negative	MF12nw
38b	Basement – stair on 2nd step – under 12" brown and white floor tile – brown mastic	Negative	MF12nw
39	**Basement – stair – on lower 3 steps – tan and brown linoleum**	**Positive 20% Chrysotile**	**MFLtn**
40	**Basement – on chimney – flue packing**	**Positive 3% Chrysotile**	**TFP**
40	**POINT COUNT RESULT**	**Positive 3.75% Chrysotile**	**TFP**
41	Roof – west side top layer – black and red asphalt shingle	Negative	MRSkr
42	Roof – east side top layer – black and red asphalt shingle	Negative	MRSkr
43	Roof – south side top layer – black and red asphalt shingle	Negative	MRSkr
44	Roof – west side 2nd layer – red asphalt shingle	Negative	MRSr
45	Roof – east side 2nd layer – red asphalt shingle	Negative	MRSr
46	Roof – south side 2nd layer – red asphalt shingle	Negative	MRSr
47	Roof – west side 3rd layer – tar paper #2	Negative	MPT2
48	Roof – east side 3rd layer – tar paper #2	Negative	MPT2
49	Roof – south side 3rd layer – tar paper #2	Negative	MPT2

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	25 Windows	Fair
Transite Siding	MTP	Exterior Walls	1,800 SF	Good
Black Sink Undercoat	MSUk	Kitchen	1 Sink	Good
Duct Wrap	TDW	Ducts in 1st Floor Walls, Vents in 1st & 2nd Floor Rooms, Basement Ducts	130 SF	Poor
Tan & Brown Linoleum	MFLtn	Basement Stair on Lower Steps	10 SF	Poor
Flue Packing	TFP	Basement on Chimney	2 SF	Poor

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	House Roof at Chimney	3 SF	Poor

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MDW	Drywall
MBI	Blown in Insulation
MPT	Tar Paper Walls
MPT2	Tar Paper Roof
MTP	Transite
MPI	Paper Insulation
MSUk	Black Sink Undercoat
MF12nt	12" Brown & Tan Floor Tile
MF12n	12" Brown Floor Tile
MF12ne	12" Brown & Beige Floor Tile
MF12nw	12" Brown & White Floor Tile
MFLtn	Tan & Brown Linoleum
MRSkr	Black & Red Asphalt Shingle
MRSr	Red Asphalt Shingle
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection at 3063 North 21st Street, Milwaukee, Wisconsin, took place on September 18, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces.

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

B. Component Testing Results

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

Interior: 3063 North 21st Street, Milwaukee, Wisconsin

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

Exterior: 3063 North 21st Street, Milwaukee, Wisconsin

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

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

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

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

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

VI. EXCLUSIONS

No access to attic space. 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)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	01	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
002	02	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
003	03	Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
003a		Layered	White Plaster	Asbestos Not Present	NA		Gypsum Perlite
004	04	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	
005	05	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	
006	06	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose	100	

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	07	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
008	08	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
009	09	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
010	10	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
011	11	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
012	12	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3

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QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
014	14	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3 Paint
015	15	Homogeneous	Gray Transite	Asbestos Present Chrysotile 30	NA	CaCO3
016	16	Homogeneous	Pink Paper	Asbestos Not Present	Cellulose 100	
017	17	Homogeneous	Pink Paper	Asbestos Not Present	Cellulose 100	
018	18	Homogeneous	Pink Paper	Asbestos Not Present	Cellulose 100	
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum
019b		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
020	20	Homogeneous	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
021	21	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose 3 Hair <1	CaCO3 Gypsum Sand
022	22	Layered	White Texture	Asbestos Not Present	NA	CaCO3
022a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Gypsum

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QUANTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022b		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
023	23	Homogeneous	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
024	24	Homogeneous	Black Sink Undercoat	Asbestos Present Chrysotile 5	NA	CaCO3 Tar
025	25	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
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	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	29	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
030	30	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
031	31	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032	32	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033	33	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
034	34	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
034a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
035	35	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
035a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
036	36	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
036a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299905
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
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
Project Location: Milwaukee,WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037	37	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038	38	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
038a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
039	39	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
040	40	Homogeneous	Brown Concrete	Asbestos Present Chrysotile 3	NA	CaCO3 Sand

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	299905	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	09/24/2018		
Received By:	Taylor Hooper		
Date Analyzed:	10/08/2018	Project:	DNS
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee,WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3063

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

Cassie Sanborn, Analyst

10/9/2018
Date of Report

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

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

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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. 294405
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:	Cecil Trowick	Date:	9-19-18

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024 · 3063
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Damian Hessamel	9-21-18 3:Lap			9/24/18 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	01	☑				
2	02	☑				
3	03	☑				
4	04	☑				
5	05	☑				
6	06	☑				
7	07	☑				
8	08	☑				
9	09	☑				
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. 299905
Accept Reject

Project Information

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

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

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299905
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		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301371
Account Number: B929
Date Received: 10/29/2018
Received By: Katie Davis
Date Analyzed: 11/05/2018
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	41	Homogeneous	Red/Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
002	42	Homogeneous	Red/Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
003	43	Homogeneous	Red/Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
004	44	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
005	45	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
006	46	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
007	47	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	301371	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	10/29/2018		
Received By:	Katie Davis		
Date Analyzed:	11/05/2018	Project:	DNS
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	48	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
009	49	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

Cassie Sanborn

Cassie Sanborn, Analyst

11/5/2018

Date of Report

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

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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. 301371	
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:	18-400-024.3063
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	10/26/18 1700	FedEx	[signature]	10-29-18 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	41	☒				
2	42	☐				
3	43	☐				
4	44	☐				
5	45	☐				
6	46	☐				
7	47	☐				
8	48	☐				
9	49	☒				
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
2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	301090	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	10/19/2018		
Received By:	Taylor Van Syckle		
Date Analyzed:	10/26/2018	Project:	DNS, 400 PTCT For 299905
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee,WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3063

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	11	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 1.50 400 Point Count	NA	CaCO3
002	40	Homogeneous	Brown Concrete	Asbestos Present Chrysotile 3.75 400 Point Count	NA	CaCO3 Sand

Cassie Sanborn, Analyst

10/26/2018
Date of Report

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

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

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

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

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 301090
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:	18-400-024.3063
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	10/19/18 1450	Email	[signature]	10-19-18 2:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

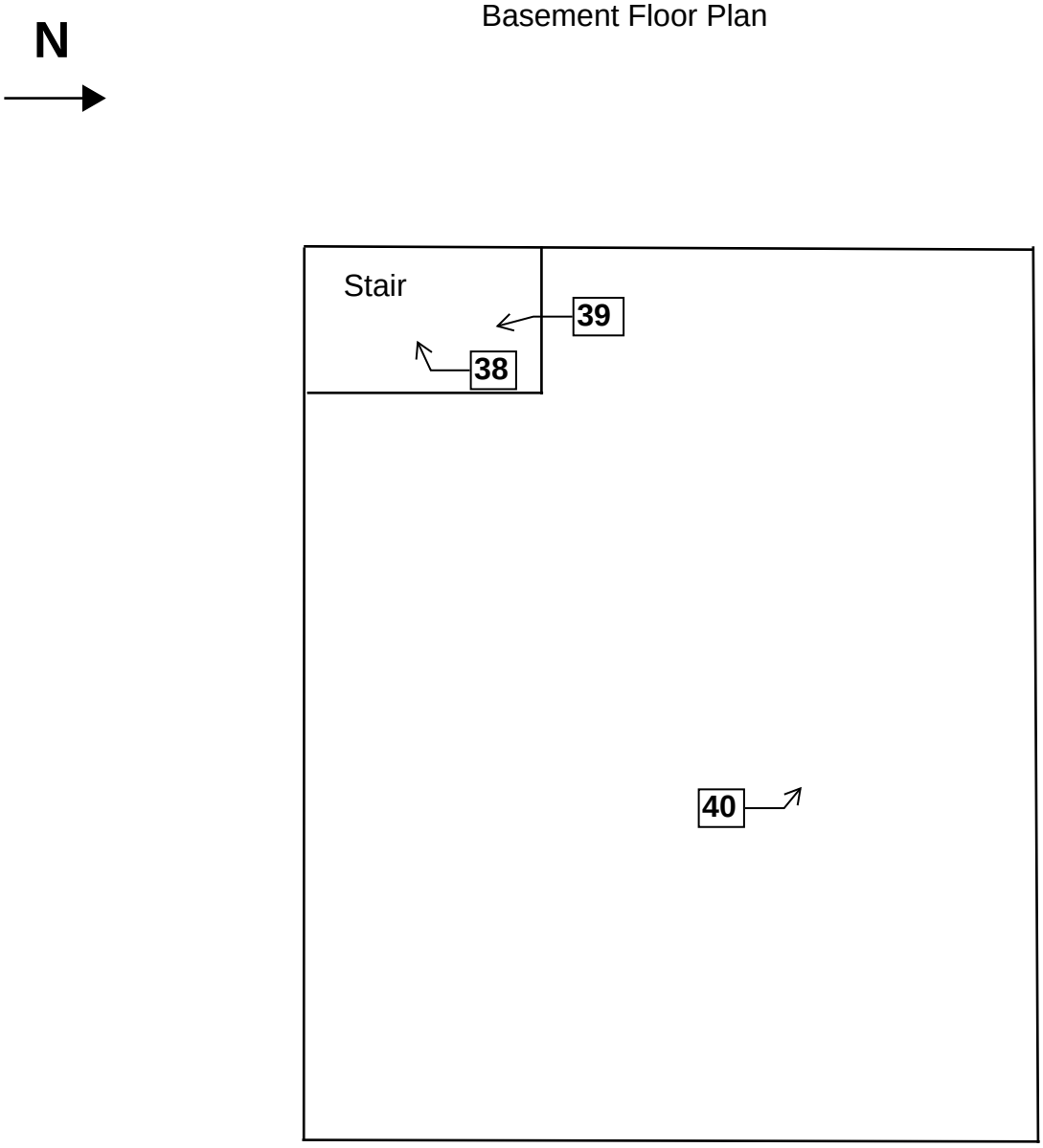
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	11	☑				QuanTEM Lab No 299905
2	40	☑				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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. FLOOR PLANS

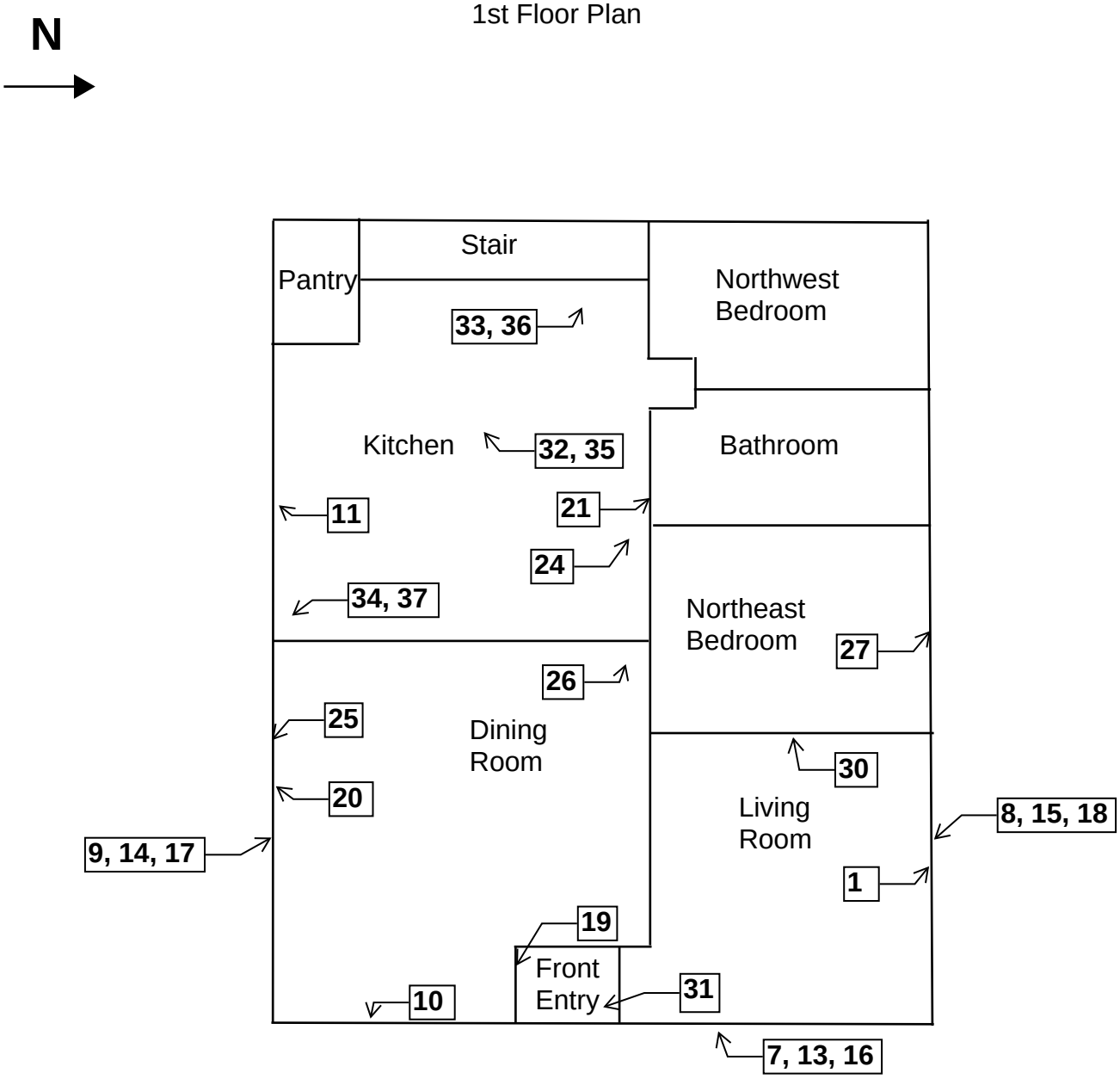
One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

Basement Floor Plan



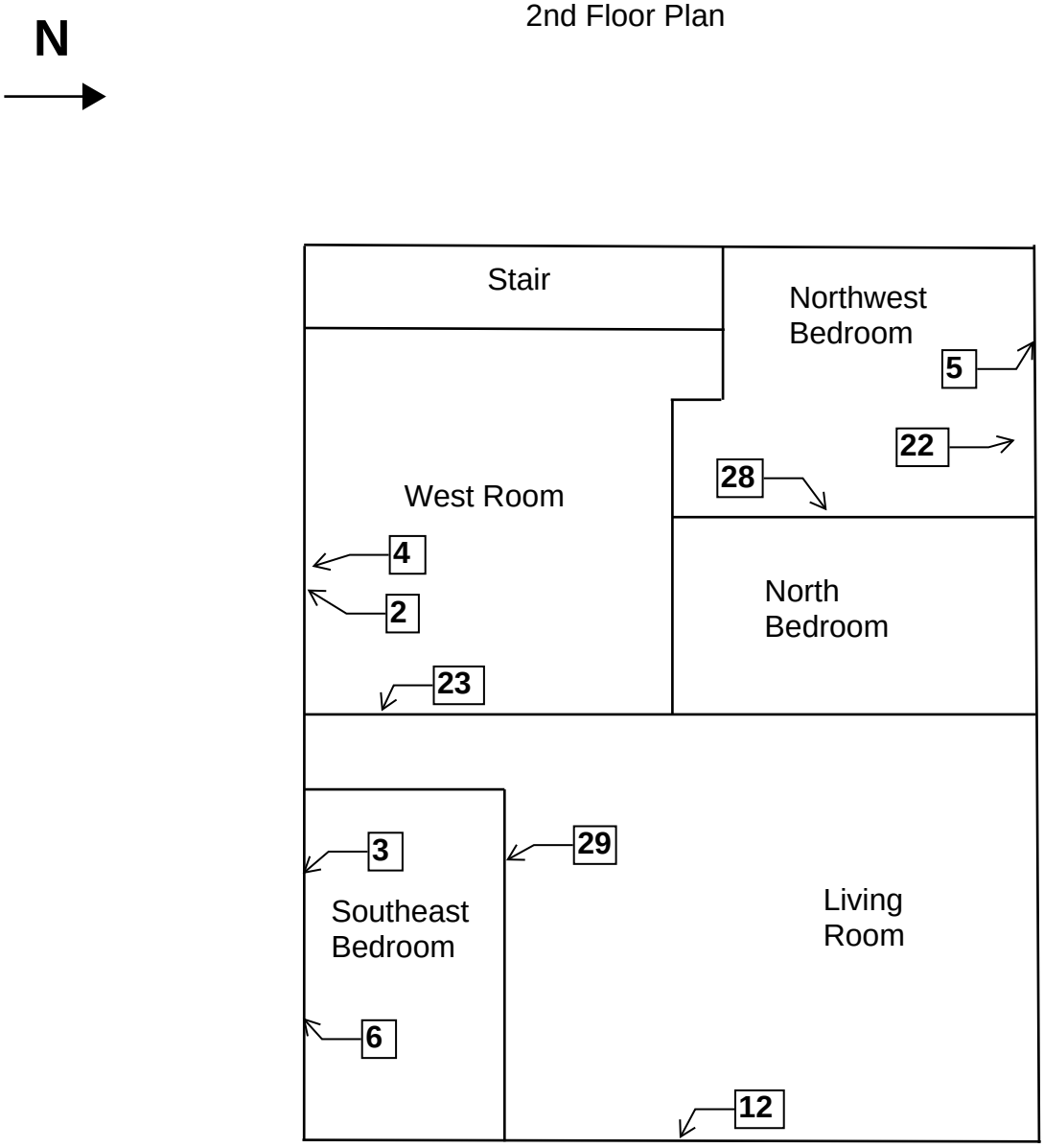
One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

1st Floor Plan



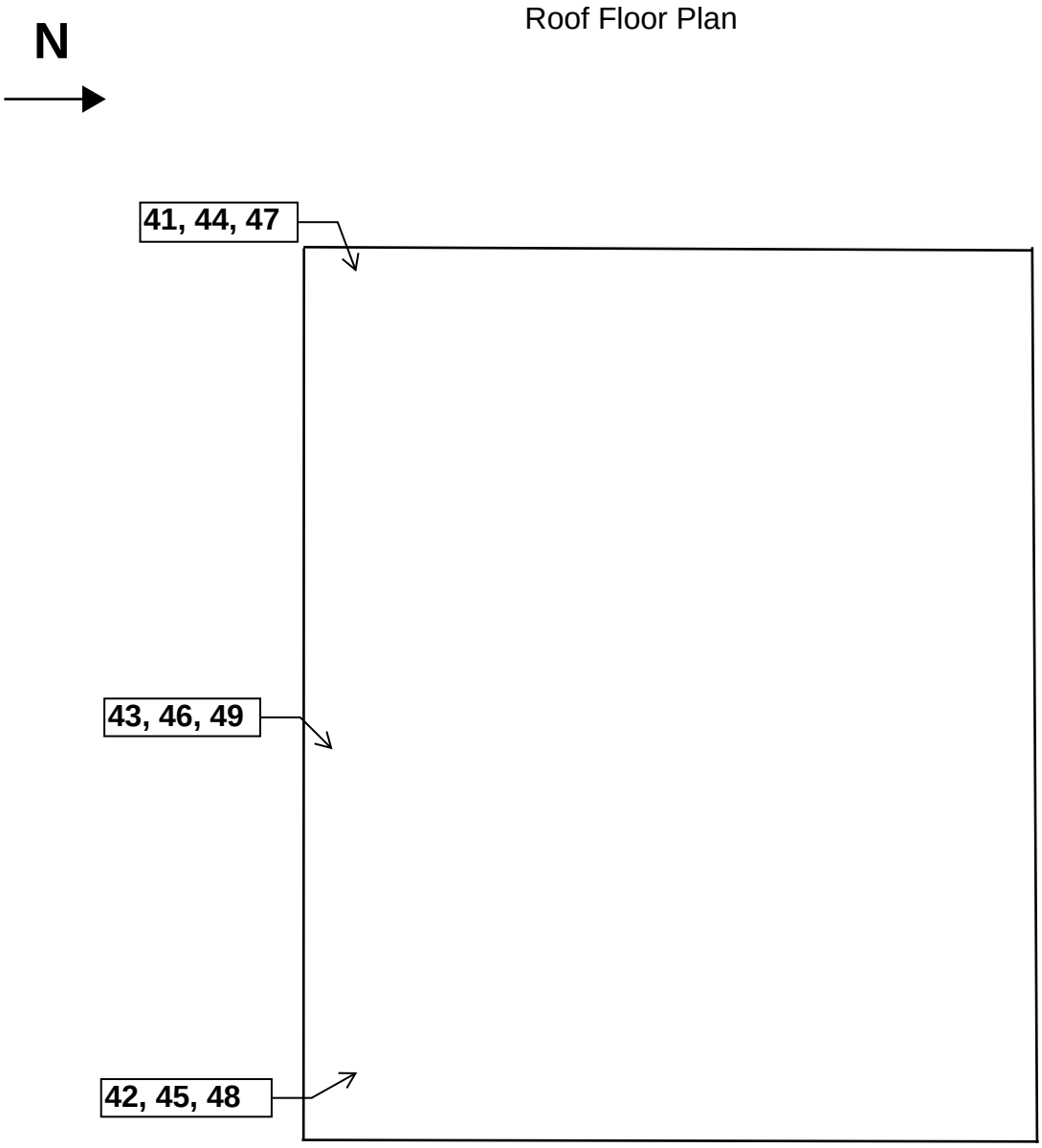
One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

2nd Floor Plan



One Family Dwelling
3063 North 21st Street
Milwaukee, Wisconsin

Roof Floor Plan



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 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,
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

August 27, 2018

CECIL JAMES TRAWICK JR
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2830 North 24th Place
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.: 19-400-037.2830
Inspector: Damian Rogowski
Contract No.: 360-19-0975

Prepared by:

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

August 2019

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2830 North 24th Place
Milwaukee, Wisconsin

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

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

August 23, 2019

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

RE: Deconstruction Inspection Report
2830 North 24th Place
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2830 North 24th Place, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2830 North 24th Place, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in 1st floor linoleum, and basement flue packing and duct wrap sampled during the inspection. Asbestos was detected at less than 1% in exterior caulk. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2830 North 24th Place, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On August 6, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2830 North 24th Place, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Asphalt roof shingles
- Fiberboard
- Paper insulation
- Blown in insulation
- Caulk
- Window glazing compound
- Floor tile
- Linoleum
- Ceramic tile
- Flue packing
- Duct wrap
- Plaster

- Mastics
- Roof flashing

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

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Roof – southwest – brown asphalt shingle	Negative	MRSn
2	Roof – west center – brown asphalt shingle	Negative	MRSn
3	Roof – northeast – brown asphalt shingle	Negative	MRSn
4	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
5	Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
6	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
7	Exterior – north wall under wood siding – pink paper insulation	Negative	MPIp
8	Exterior – south wall under wood siding – pink paper insulation	Negative	MPIp
9	Exterior – east wall under wood siding – pink paper insulation	Negative	MPIp
10	Exterior – in north wall – blown in insulation	Negative	MBI

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – in south wall – blown in insulation	Negative	MBI
12	Exterior – in east wall – blown in insulation	Negative	MBI
13	Exterior – around west window – yellow caulk	Positive 2% Chrysotile	MCLKl
13	Point Count Result	Trace 0.5% Chrysotile	MCLKl
14	Exterior – around south window – yellow caulk	Positive 2% Chrysotile	MCLKl
14	Point Count Result	Trace 0.5% Chrysotile	MCLKl
15	Exterior – around east window – yellow caulk	Positive 2% Chrysotile	MCLKl
15	Point Count Result	Trace 0.25% Chrysotile	MCLKl
16	1st floor – on west window – glazing compound	Negative	MPG
17	Basement – on south window – glazing compound	Negative	MPG
18	1st floor – on east window – glazing compound	Negative	MPG
19a	1st floor – east hall top layer – 12” gray floor tile	Negative	MF12y
19b	1st floor – east hall top layer – under 12” gray floor tile – tan mastic	Negative	MF12y
20a	**1st floor – east hall 2nd layer – gold and brown linoleum**	**Positive 20% Chrysotile**	**MFLdn**
20b	1st floor – east hall 2nd layer – under 12” gold and brown linoleum – tan mastic	Negative	MFLdn
21a	1st floor – east hall 3rd layer – yellow and tan linoleum	Negative	MFLlt
21b	1st floor – east hall 3rd layer – under yellow and tan linoleum – tan mastic	Negative	MFLlt
22a	1st floor – east hall 4th layer – tan linoleum	Negative	MFLt
22b	1st floor – east hall 4th layer – under tan linoleum – tan mastic	Negative	MFLt
23a	1st floor – bathroom – 12” blue and pink floor tile	Negative	MF12bp
23b	1st floor – bathroom – under 12” blue and pink floor tile – tan mastic	Negative	MF12bp
24a	1st floor – bathroom – on west wall – tan ceramic tile	Negative	MCTMt
24b	1st floor – bathroom – on west wall – grout/mortar	Negative	MCTMt
25a	1st floor – pantry top layer – 12” tan and brown floor tile	Negative	MF12tn
25b	1st floor – pantry top layer – under 12” tan and brown floor tile – tan mastic	Negative	MF12tn
26a	**1st floor – pantry 2nd layer – gold linoleum**	**Positive 20% Chrysotile**	**MFLd**
26b	1st floor – pantry 2nd layer – under gold linoleum – tan mastic	Negative	MFLd
27a	1st floor – pantry 3rd layer – beige and tan linoleum	Negative	MFLet
27b	1st floor – pantry 3rd layer – under beige and tan linoleum – tan mastic	Negative	MFLet
27c	1st floor – pantry 3rd layer – under tan mastic – fiber backing	Negative	MFLet
28a	1st floor – kitchen – center top layer – 12” white and pink floor tile	Negative	MF12wp
28b	1st floor – kitchen – center top layer – under 12” white and pink floor tile – tan mastic	Negative	MF12wp
29a	1st floor – kitchen 2nd layer – 12” white and blue floor tile	Negative	MF12wb
29b	1st floor – kitchen 2nd layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
30a	1st floor – kitchen 3rd layer – gold and yellow linoleum	Negative	MFLdl

Sample #	Location and Description	Results	Homogeneous Code
30b	1st floor – kitchen 3rd layer – under gold and yellow linoleum – tan mastic	Negative	MFLdl
31a	1st floor – west hall top layer – 12” white and pink floor tile	Negative	MF12wp
31b	1st floor – west hall top layer – under 12” white and pink floor tile – tan mastic	Negative	MF12wp
32a	1st floor – kitchen – southeast top layer – 12” white and pink floor tile	Negative	MF12wp
32b	1st floor – kitchen – southeast top layer – under 12” white and pink floor tile – tan mastic	Negative	MF12wp
33a	1st floor – west hall 2nd layer – 12” white and blue floor tile	Negative	MF12wb
33b	1st floor – west hall 2nd layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
34a	1st floor – kitchen – southeast 2nd layer – 12” white and blue floor tile	Negative	MF12wb
34b	1st floor – kitchen – southeast 2nd layer – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
35a	1st floor – west hall 3rd layer – gold and yellow linoleum	Negative	MFLdl
35b	1st floor – west hall 3rd layer – under gold and yellow linoleum – tan mastic	Negative	MFLdl
36a	1st floor – kitchen – southeast 3rd layer – gold and yellow linoleum	Negative	MFLdl
36b	1st floor – kitchen – southeast 3rd layer – under gold and yellow linoleum – tan mastic	Negative	MFLdl
37a	1st floor – kitchen – on north wall – white ceramic tile	Negative	MCTMw
37b	1st floor – kitchen – on north wall – grout	Negative	MCTMw
37c	1st floor – kitchen – on north wall – under white ceramic tile – tan mastic	Negative	MCTMw
38a	1st floor – kitchen – on west wall under panel – brown mastic	Negative	MPMn
38b	1st floor – kitchen – on west wall under brown mastic – fiber layer	Negative	MPMn
39a	Basement – stair – on landing – tan and brown linoleum	Negative	MFLtn
39b	Basement – stair – on landing – under tan and brown linoleum – tan mastic	Negative	MFLtn
40	**Basement – on south chimney – flue packing**	**Positive 20% Chrysotile**	**TFP**
41	**Basement – on ceiling by chimney – duct wrap**	**Positive 60% Chrysotile**	**TDW**
42	Basement – southeast ceiling – plaster	Negative	SPl
43a	1st floor – northeast bedroom – west wall – plaster	Negative	SPl
43b	1st floor – northeast bedroom – west wall – joint compound layer	Negative	SPl
44a	2nd floor – stair – east wall – plaster	Negative	SPl
44b	2nd floor – stair – east wall – joint compound layer	Negative	SPl
45a	2nd floor – living room – south wall – plaster	Negative	SPl
45b	2nd floor – living room – south wall – joint compound layer	Negative	SPl
46a	2nd floor – kitchen – north wall – plaster	Negative	SPl
46b	2nd floor – kitchen – north wall – joint compound layer	Negative	SPl
47a	2nd floor – bathroom top layer – 12” tan and white floor tile	Negative	MF12tw
47b	2nd floor – bathroom top layer – under 12” tan and white floor tile – tan mastic	Negative	MF12tw
48a	2nd floor – bathroom 2nd layer – 12” tan and gray floor tile	Negative	MF12ty
48b	2nd floor – bathroom 2nd layer – under 12” tan and gray floor tile – tan mastic	Negative	MF12ty

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
Gold & Brown Linoleum	MFLdn	1st Floor East Hall 2nd Layer	30 SF	Friable
Gold Linoleum	MFLd	1st Floor Pantry 2nd Layer	30 SF	Friable
Flue Packing	TFP	Basement on South Chimney	4 SF	Friable
Duct Wrap	TDW	Basement on Ceiling Near Chimney	6 SF	Friable

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Yellow Caulk	MCLKl	Exterior Around 1st & 2nd Floor Windows & Doors	22 Windows & 3 Doors	Category II Non-Friable

Assumed Asbestos Containing Materials

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

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

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

Note#2: The yellow caulk 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 yellow caulk be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

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

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

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

Homogeneous Material Codes

SPl	Plaster
MRSn	Brown Asphalt Shingle
MFB	Fiberboard
MPIp	Pink Paper Insulation
MBI	Blown in Insulation
MCLKl	Yellow Caulk
MPG	Window Glazing Compound
MF12y	12" Gray Floor Tile
MF12bp	12" Blue & Pink Floor Tile
MF12wp	12" White & Pink Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MF12tw	12" Tan & White Floor Tile
MF12ty	12" Tan & Gray Floor Tile
MFLdn	Gold & Brown Linoleum
MFLlt	Yellow & Tan Linoleum
MFLt	Tan Linoleum
MFLd	Gold Linoleum
MFLet	Beige & Tan Linoleum
MFLdl	Gold & Yellow Linoleum
MFLtn	Tan & Brown Linoleum
MCTMt	Tan Ceramic Tile
MCTMw	White Ceramic Tile
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2830 North 24th Place, Milwaukee, Wisconsin, took place on August 6, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 2830 North 24th Place, Milwaukee, Wisconsin

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

Exterior: 2830 North 24th Place, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2830 North 24th Place, Milwaukee, Wisconsin **Date: 8/6/19**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	North Wall	Brick	Yellow/Gray	0.0141

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

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

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

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

VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – Two 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 in Basement

IX. 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 #: 330597

Received 08/08/19
Analyzed 08/15/19
Reported 08/15/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2830

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
330597-001	08/06/19	1	Wisconsin		
Layer 1: Shingle Black, 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.					
330597-002	08/06/19	2	Wisconsin		
Layer 1: Shingle Black, 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.					
330597-003	08/06/19	3	Wisconsin		
Layer 1: Shingle Black, 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.					
330597-004	08/06/19	4	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
330597-005	08/06/19	5	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
330597-006	08/06/19	6	Wisconsin		
Layer 1: Fibrous Material Beige, Fibrous				None Detected	70% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
330597-007	08/06/19	7	Wisconsin		
Layer 1: Paper 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: 19-400-037.2830

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
330597-008	08/06/19	8	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-009	08/06/19	9	Wisconsin		
Layer 1: Paper Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-010	08/06/19	10	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-011	08/06/19	11	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-012	08/06/19	12	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-013	08/06/19	13	Wisconsin		
Layer 1: Soft Material Tan, Soft				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
330597-014	08/06/19	14	Wisconsin		
Layer 1: Soft Material Tan, Soft				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
330597-015	08/06/19	15	Wisconsin		
Layer 1: Soft Material Tan, Soft				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
330597-016	08/06/19	16	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
330597-017	08/06/19	17	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2830

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
330597-018	08/06/19	18	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
330597-019	08/06/19	19	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
330597-020	08/06/19	20	Wisconsin		
Layer 1: Flooring Beige, 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 Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
330597-021	08/06/19	21	Wisconsin		
Layer 1: Flooring 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
330597-022	08/06/19	22	Wisconsin		
Layer 1: Flooring 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
330597-023	08/06/19	23	Wisconsin		
Layer 1: Floor Tile Gray, Organically Bound				None Detected	100% 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: 19-400-037.2830

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
330597-024	08/06/19	24	Wisconsin		
Layer 1: Ceramic Tile Cream, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Gray/White, Hard				None Detected	100% NON FIBROUS MATERIAL
330597-025	08/06/19	25	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
330597-026	08/06/19	26	Wisconsin		
Layer 1: Flooring Beige, 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 Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
330597-027	08/06/19	27	Wisconsin		
Layer 1: Flooring 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, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Backing Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
330597-028	08/06/19	28	Wisconsin		
Layer 1: Floor Tile Cream, Organically Bound				None Detected	100% 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: 19-400-037.2830

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
330597-029	08/06/19	29	Wisconsin			
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
330597-030	08/06/19	30	Wisconsin			
Layer 1: Flooring Brown/Black, Org.Bound/Fibrous				None Detected	35% 15% 50%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
330597-031	08/06/19	31	Wisconsin			
Layer 1: Floor Tile Cream, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
330597-032	08/06/19	32	Wisconsin			
Layer 1: Floor Tile Cream, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
330597-033	08/06/19	33	Wisconsin			
Layer 1: Flooring Beige/Black, Org.Bound/Fibrous				None Detected	35% 15% 50%	CELLULOSE FIBER MINERAL/GLASS WOOL 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: 19-400-037.2830

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
330597-034	08/06/19	34	Wisconsin		
Layer 1: Flooring 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
330597-035	08/06/19	35	Wisconsin		
Layer 1: Flooring 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
330597-036	08/06/19	36	Wisconsin		
Layer 1: Flooring 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
330597-037	08/06/19	37	Wisconsin		
Layer 1: Ceramic Tile Cream, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic White/Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
330597-038	08/06/19	38	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Fibrous Material 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: 19-400-037.2830

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
330597-039	08/06/19	39	Wisconsin		
Layer 1: Flooring 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
330597-040	08/06/19	40	Wisconsin		
Layer 1: Hard Material Beige/Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
330597-041	08/06/19	41	Wisconsin		
Layer 1: Insulation Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
330597-042	08/06/19	42	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
330597-043	08/06/19	43	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
330597-044	08/06/19	44	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
330597-045	08/06/19	45	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured 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: 19-400-037.2830

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
330597-046	08/06/19	46	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
330597-047	08/06/19	47	Wisconsin			
Layer 1: Floor Tile Gray, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
330597-048	08/06/19	48	Wisconsin			
Layer 1: Floor Tile Light Green, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 77

330597-08/15/19 03:59 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**
QAQC Director

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

SCHNEIDER LABORATORIES GLOBAL, INC.

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

330597 X 48

V:\330\330597

fghraizi 8/8/2019 9:5 5:08 AM
UPS 1Z2E2899846 9123 22

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	19-400-037.2830				
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]
1	8/6/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

[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: [signature] Date/Time 8/7/19 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	19-400-037.2830				
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
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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]
11	8/6/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

[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: [signature] Date/Time 8/7/19 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	19-400-037.2830				
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
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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]
21	8/6/19								
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: [signature] Date/Time 8/7/19, 7:00

! 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	19-400-037.2830				
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**
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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]
31	8/6/19								
32									
33									
34									
35									
36									
37									
38									
39									
40									

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[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: Dean Jacobsen Date/Time 8/7/19 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	19-400-037.2830				
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
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☐ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		**Sub-Contract**
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* 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]
41	8/6/19								
42	↓								
43									
44									
45									
46									
47									
48									

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: [signature] Date/Time 8/7/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Analysis Report

Schneider Laboratories Global, Inc

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

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

Order #: 333154

Received 08/21/19
Analyzed 08/23/19
Reported 08/23/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2830

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
333154-001	08/06/19	13	Wisconsin		
Layer 1: Soft Material Tan, Soft, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
333154-002	08/06/19	14	Wisconsin		
Layer 1: Soft Material Tan, Soft, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
333154-003	08/06/19	15	Wisconsin		
Layer 1: Soft Material Tan, Soft, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL

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

333154-08/23/19 03:33 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

333154 S 3

V:\333\333154

afowler 8/21/2019 2:32:00 PM

Hand Delivered

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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@kphenvironmentmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order #: 330597			
Project Number	19-400-037.2830				
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	8/6/19								
14	↓								
15	↓								

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: [signature] Date/Time 8/21/19 1320

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X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2830

Order #: 330595

Matrix Paint
Received 08/08/19
Analyzed 08/09/19
Reported 08/09/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
330595-001	P1	Wisconsin	08/06/19	305 mg			
Lead		EPA 7000B		43.1 µg	0.0141 %	141 mg/kg	32.8 mg/kg

Analyst: SA
330595-08/09/19 01:01 PM

Reviewed By: **Jennifer Lee**
Manager

Federal Lead Paint Statute

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

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

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www.slabinc.com • info@slabinc.com

330595 X 1
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fghraizi 8/8/2019 9:5 3:08 AM
UPS 1Z2E2899846 9123022

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	19-400-037.2830				
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
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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]
P1	8/6/19								

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Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 8/7/19 12w

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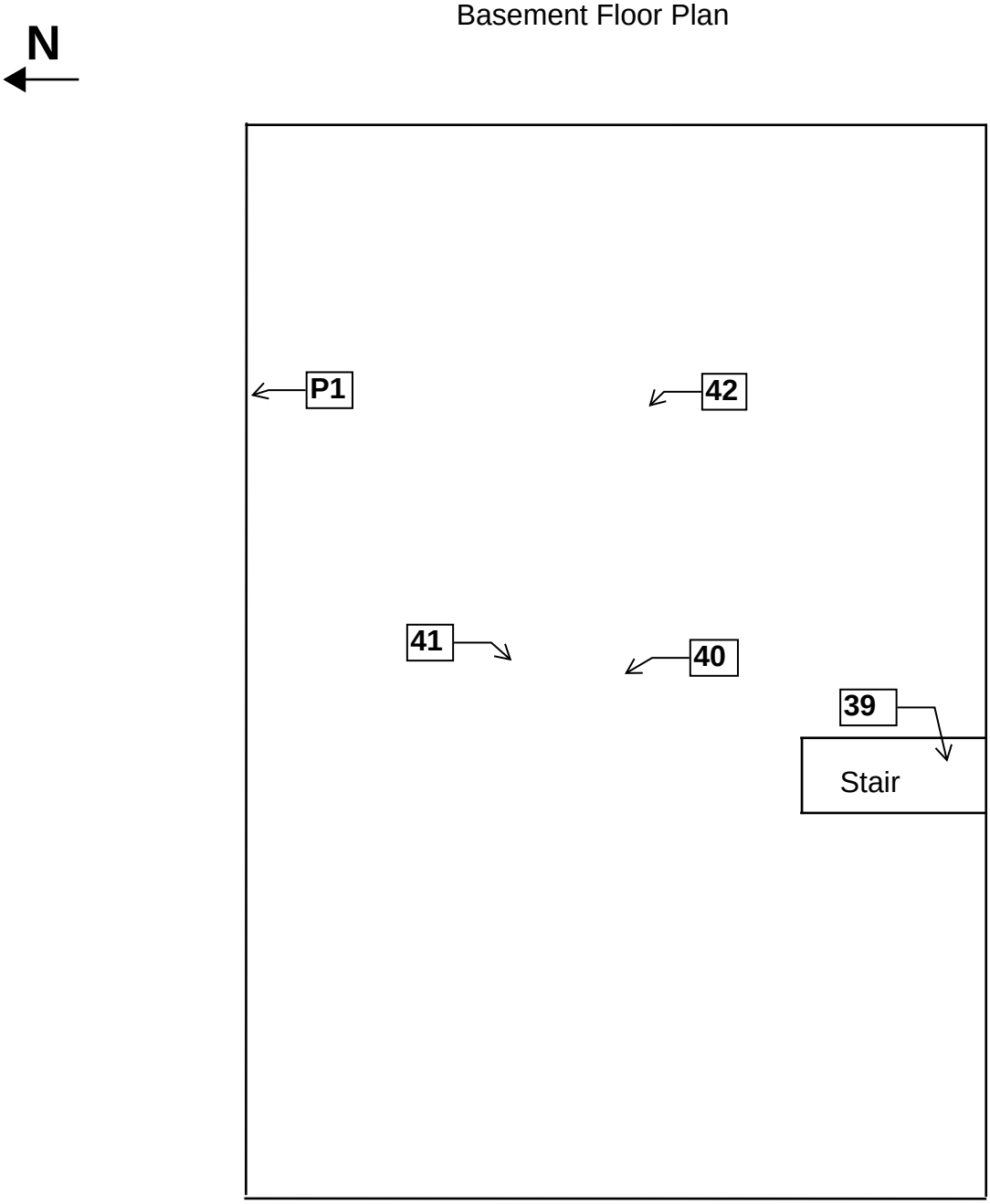
XI. FLOOR PLANS

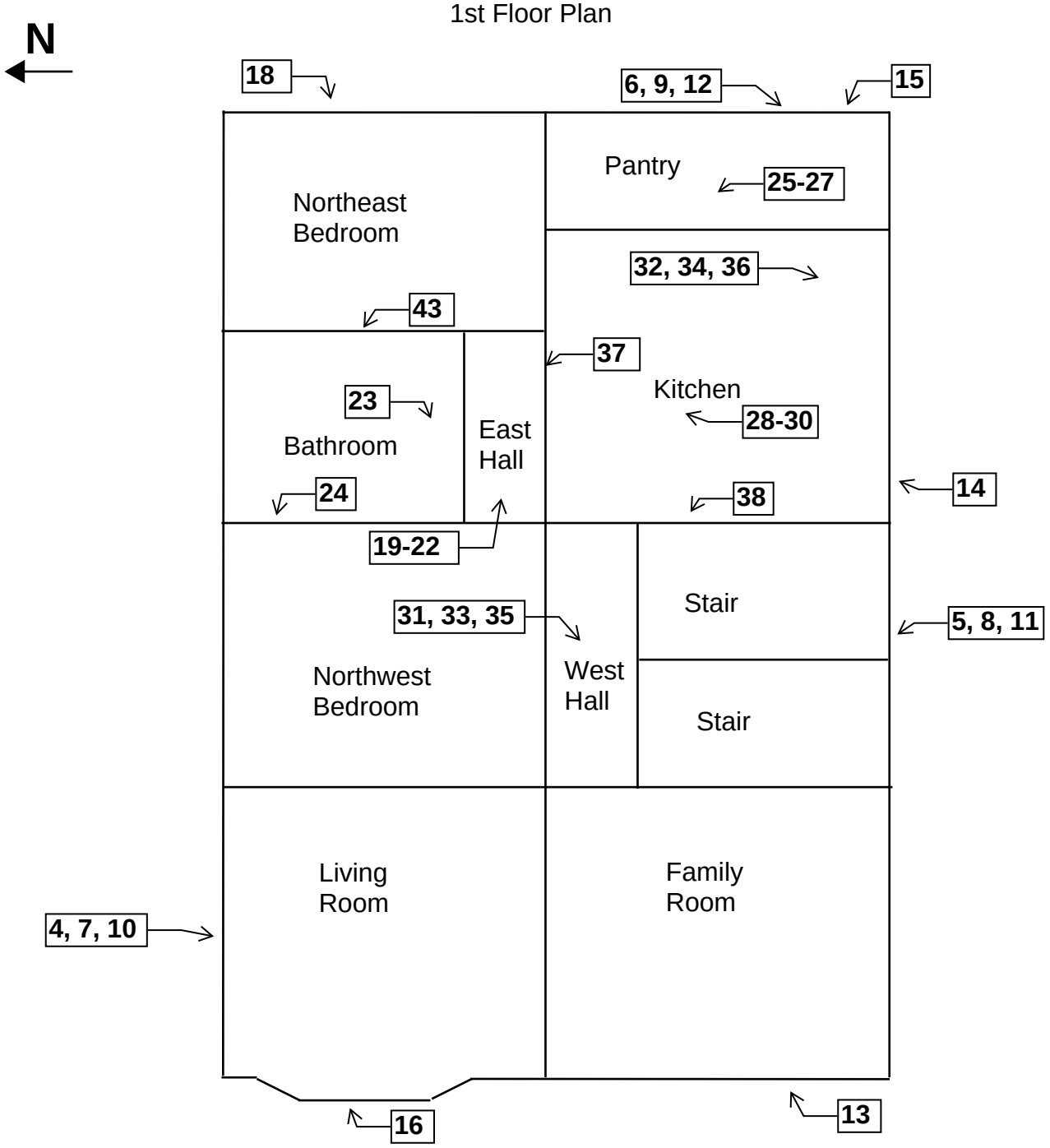
Two Family Dwelling
2830 North 24th Place
Milwaukee, Wisconsin

Basement Floor Plan



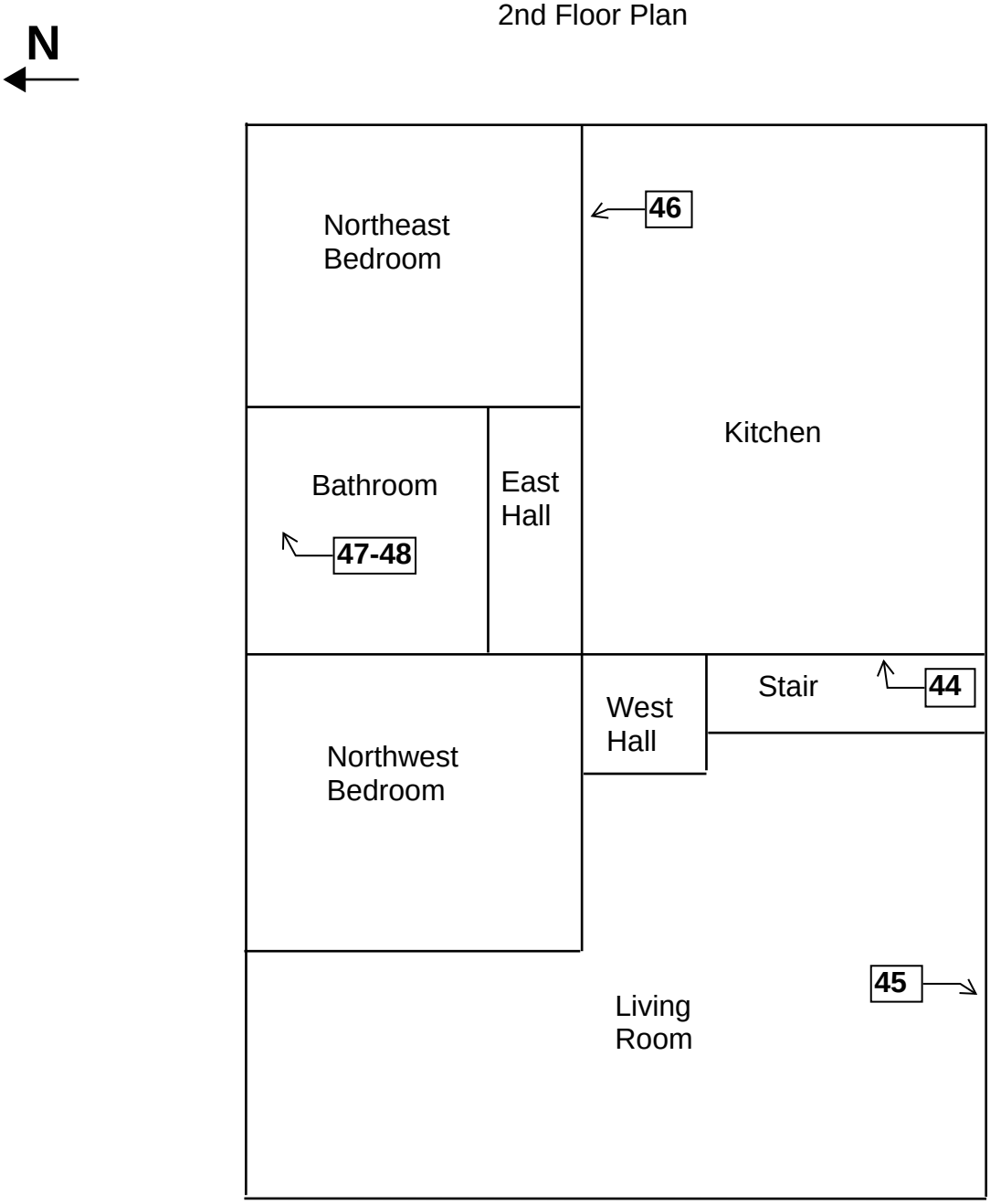
Two Family Dwelling
2830 North 24th Place
Milwaukee, Wisconsin

1st Floor Plan



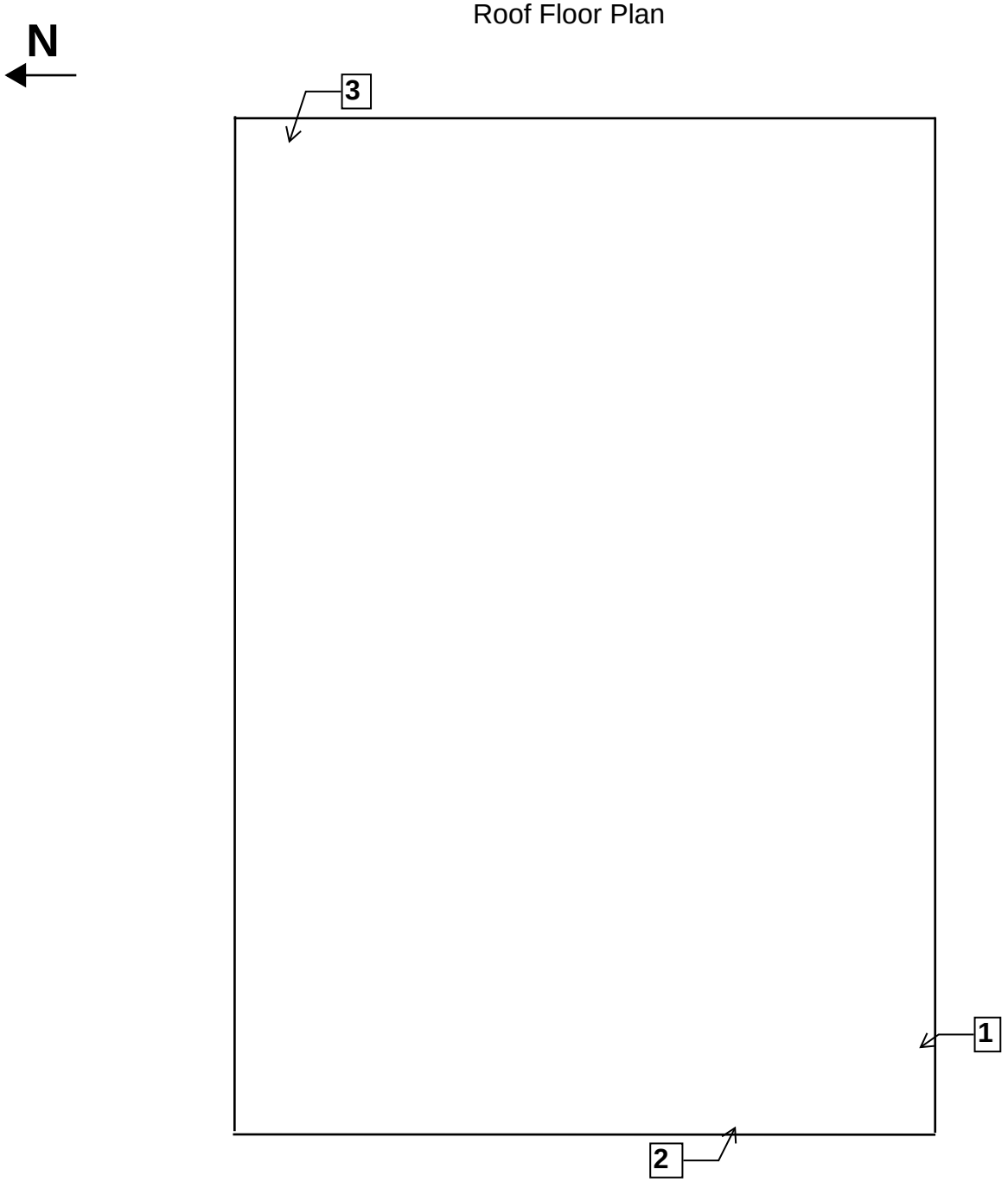
Two Family Dwelling
2830 North 24th Place
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2830 North 24th Place
Milwaukee, Wisconsin

Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company -- Primary

Certificate Issue Date: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

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

Miriam Hasan

Miriam Hasan, Unit Supervisor

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH
1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

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

February 5, 2019

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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 pr
professional responsibility. Contact us if you h
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

DECONSTRUCTION INSPECTION REPORT
Job Site:

Three Family Dwelling
3221 North 24th Place
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.: 18-400-024.3221
Inspector: Cecil Trawick
Contract No.: 360-18-0975

Prepared by:

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

November 2018

Signature Page
Deconstruction Inspection Report
Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

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

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

November 5, 2018

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

RE: Deconstruction Inspection Report
3221 North 24th Place
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3221 North 24th Place, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3221 North 24th Place, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected in aircell pipe insulation and fittings sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Painted masonry was not observed during the inspection. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the three family dwelling and garage at 3221 North 24th Place, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has stucco 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 September 19, 2018, HMG conducted an asbestos inspection and lead inspection of a three family dwelling and garage, scheduled for deconstruction, located at 3221 North 24th Place, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Plaster
- Drywall
- Texture
- Stucco
- Glazing compound
- Ceramic tile
- Floor tile
- Tar paper
- Linoleum
- Aircell pipe insulation
- Pipe insulation fitting
- Flue packing
- Fiberboard

- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	1st floor – living room – south wall – plaster	Negative	SPl
2	1st floor – kitchen – north wall – plaster	Negative	SPl
3	1st floor – bathroom – west wall – plaster	Negative	SPl
4	1st floor – west room – north wall – plaster	Negative	SPl
5	2nd floor – kitchen – south wall – plaster	Negative	SPl
6	2nd floor – living room – south wall – plaster	Negative	SPl
7	2nd floor – northeast bedroom – west wall – plaster	Negative	SPl
8	1st floor – west room – west wall – drywall	Negative	MDW
9	2nd floor – middle hall – east wall – drywall	Negative	MDW
10	3rd floor – kitchen – east wall – drywall	Negative	MDW
11	1st floor – living room – on north wall – texture	Negative	STX
12	2nd floor – bathroom – on ceiling – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
13	3rd floor – kitchen – on ceiling – texture	Negative	STX
14	Exterior – east wall – stucco	Negative	STC
15a	Exterior – south wall – texture	Negative	STC
15b	Exterior – south wall – stucco	Negative	STC
16	Exterior – north wall – stucco	Negative	STC
17	1st floor – kitchen – on north window – glazing compound	Negative	MPG
18	2nd floor – living room – on south window – glazing compound	Negative	MPG
19	3rd floor – living room – on south window – glazing compound	Negative	MPG
20a	1st floor – bathroom – on east wall – green ceramic tile	Negative	MCTMg
20b	1st floor – bathroom – on east wall – grout	Negative	MCTMg
20c	1st floor – bathroom – on east wall – under green ceramic tile – mortar	Negative	MCTMg
21	1st floor – bathroom – on east wall – white ceramic tile	Negative	MCTMw
22a	1st floor – entry – on floor – white and gray ceramic tile	Negative	MCTMwy
22b	1st floor – entry – on floor – under white and gray ceramic tile – mortar	Negative	MCTMwy
23	1st floor – kitchen – on north wall under plastic tile – yellow mastic	Negative	MWMl
24	1st floor – kitchen – 12” white floor tile	Negative	MF12w
25	1st floor – bathroom – 12” white and tan floor tile	Negative	MF12wt
26a	2nd floor – kitchen northwest top layer – 12” green floor tile	Negative	MF12g
26b	2nd floor – kitchen northwest top layer – under 12” green floor tile - brown mastic	Negative	MF12g
26c	2nd floor – kitchen northwest 2nd layer – tar paper	Negative	MPT
27	2nd floor – kitchen – south side – 12” green and beige floor tile	Negative	MF12ge
28	2nd floor – kitchen – north side – 12” green and beige floor tile	Negative	MF12ge
29	2nd floor – kitchen – north side – 12” green and beige floor tile	Negative	MF12ge
29	2nd floor – kitchen – north side – under 12” green and beige floor tile – yellow mastic	Negative	MF12ge
30	3rd floor – bathroom – at toilet – white linoleum	Negative	MFLw
31	3rd floor – living room closet – brown and tan linoleum	Negative	MFLnt
32	3rd floor – kitchen – on east wall – brown linoleum	Negative	MFLn
33	3rd floor – kitchen north side – 12” white and black floor tile	Negative	MF12wk
34	3rd floor – kitchen north side – 12” white and black floor tile	Negative	MF12wk
35	3rd floor – kitchen north side – 12” white and black floor tile	Negative	MF12wk
36	3rd floor – stair landing – 12” brown floor tile	Negative	MF12n
37	**3rd floor – stair – in west wall - <5” diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
38	**Basement – south room - <5” diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
39	**Basement – south room - <5” diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
40	**Basement – south room - <5” diameter pipe insulation fitting**	**Positive 75% Chrysotile**	**TF5**
41	Basement – on floor north side – white insulation	Negative	MWI
42	Basement – on chimney – flue packing	Negative	TFP
43	Exterior – east wall – fiberboard	Negative	MFB
44	Exterior – south wall – fiberboard	Negative	MFB

Sample #	Location and Description	Results	Homogeneous Code
45	Exterior – south wall – fiberboard	Negative	MFB
46	House Roof – north side top layer – gray asphalt shingle	Negative	MRSy
47	House Roof – south side top layer – gray asphalt shingle	Negative	MRSy
48	Garage Roof – top layer – gray asphalt shingle	Negative	MRSy
49	House Roof – north side bottom layer – black asphalt shingle	Negative	MRSk
50	House Roof – south side bottom layer – black asphalt shingle	Negative	MRSk
51	Garage Roof – bottom layer – black asphalt shingle	Negative	MRSk

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
<5" Diameter Aircell Pipe Insulation	TA5	In 3rd Floor Stair West Wall, Basement	70 SF	Poor
<5" Diameter Aircell Pipe Insulation	TF5	Basement	8 Fittings	Poor

Assumed Asbestos Containing Materials

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STC	Stucco
MDW	Drywall
MPG	Glazing Compound
MCTMg	Green Ceramic Tile
MCTMw	White Ceramic Tile
MCTMwy	White & Gray Ceramic Tile
MWMl	Yellow Wall Mastic
MF12w	12" White Floor Tile
MF12wt	12" White & Tan Floor Tile
MF12g	12" Green Floor Tile
MF12ge	12" Green & Beige Floor Tile
MF12wk	12" White & Black Floor Tile

Homogeneous Material Codes

MF12n	12" Brown Floor Tile
MPT	Tar Paper
MFLw	White Linoleum
MFLnt	Brown & Tan Linoleum
MFLn	Brown Linoleum
MWI	White Insulation
MFB	Fiberboard
MRSy	Gray Asphalt Shingle
MRSk	Black Asphalt Shingle
TA5	<5" Diameter Aircell Pipe Insulation
TF5	<5" Diameter Pipe Insulation Fitting
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection at 3221 North 24th Place, Milwaukee, Wisconsin, took place on September 20, 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. No samples of paint were collected.

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

B. Component Testing Results

Interior: 3221 North 24th Place, Milwaukee, Wisconsin

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

Exterior: 3221 North 24th Place, Milwaukee, Wisconsin

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

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

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

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

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

VI. EXCLUSIONS

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)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

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

N/A	Transformers
N/A	Capacitors (appliances, electronic equipment)
N/A	Heat Transfer Equipment
N/A	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
1	Junk Vehicles – Boat in Garage

* 3 Gas Meters on Exterior

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299950
Account Number: B929
Date Received: 09/24/2018
Received By: Lisa Guthrie
Date Analyzed: 10/08/2018
Analyzed By: Gayle Ooten
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	01	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
002	02	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
003	03	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
004	04	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
005	05	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
006	06	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum
007	07	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand Gypsum

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299950
Account Number: B929
Date Received: 09/24/2018
Received By: Lisa Guthrie
Date Analyzed: 10/08/2018
Analyzed By: Gayle Ooten
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	08	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
009	09	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
010	10	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	10	Gypsum
011	11	Homogeneous	White Texture	Asbestos Not Present	Wollastonite	3	CaCO3 Paint
012	12	Homogeneous	White Texture	Asbestos Not Present	Wollastonite	3	CaCO3 Paint
013	13	Homogeneous	White Texture	Asbestos Not Present	Wollastonite	3	CaCO3 Paint

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
015	15	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
015a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
016	16	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
017	17	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
018	18	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3
019	19	Homogeneous	Cream Window Glazing	Asbestos Not Present	NA	CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay
020a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Binder
020b		Layered	Gray Mortar	Asbestos Not Present	NA	Sand CaCO3
021	21	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	Clay
022	22	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay
022a		Layered	Gray Mortar	Asbestos Not Present	NA	Sand CaCO3

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

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
024	24	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025	25	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 30	Vinyl Tar
026	26	Layered	Blue Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Tar
026a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
026b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
027	27	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299950
Account Number: B929
Date Received: 09/24/2018
Received By: Lisa Guthrie
Date Analyzed: 10/08/2018
Analyzed By: Gayle Ooten
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
028	28	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
029	29	Layered	Blue Linoleum	Asbestos Not Present	Cellulose	30	CaCO3 Tar
029a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
030	30	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl
031	31	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	25	CaCO3 Tar
032	32	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299950
Account Number: B929
Date Received: 09/24/2018
Received By: Lisa Guthrie
Date Analyzed: 10/08/2018
Analyzed By: Gayle Ooten
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	33	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
034	34	Homogeneous	Black/White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
035	35	Homogeneous	Blue Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Tar
036	36	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
037	37	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
038	38	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
039	39	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299950
Account Number: B929
Date Received: 09/24/2018
Received By: Lisa Guthrie
Date Analyzed: 10/08/2018
Analyzed By: Gayle Ooten
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	40	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
041	41	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 45	Gypsum Binder
042	42	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
043	43	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 75	Tar
044	44	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 75	Tar
045	45	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 75	Binder

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	299950	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	09/24/2018		
Received By:	Lisa Guthrie		
Date Analyzed:	10/08/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3221

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

Gayle Ooten, Analyst

10/8/2018
Date of Report

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 299950	
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:	Cecil Trowick	Date:	9-19-18

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024 , 3221
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Domin-Reyes	9-21-18 3:13pm			9/24/18 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	01	☑				
2	02	☑				
3	03	☑				
4	04	☑				
5	05	☑				
6	06	☑				
7	07	☑				
8	08	☑				
9	09	☑				
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

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299950
Accept Reject

Project Information

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

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

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For Lab Use Only
Lab No. 299950
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		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301370
Account Number: B929
Date Received: 10/29/2018
Received By: Katie Davis
Date Analyzed: 11/05/2018
Analyzed By: Benjamin Hill
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: 18-400-024.3221

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	45	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
002	46	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
003	47	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
004	48	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
005	49	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
006	50	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

Benjamin Hill

Benjamin Hill, Laboratory Technician

11/5/2018

Date of Report

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

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For Lab Use Only	
Lab No. 301370	
(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:	18-400-024.3221
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	10/26/18 1700	FedEx	[illegible]	10-29-18 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

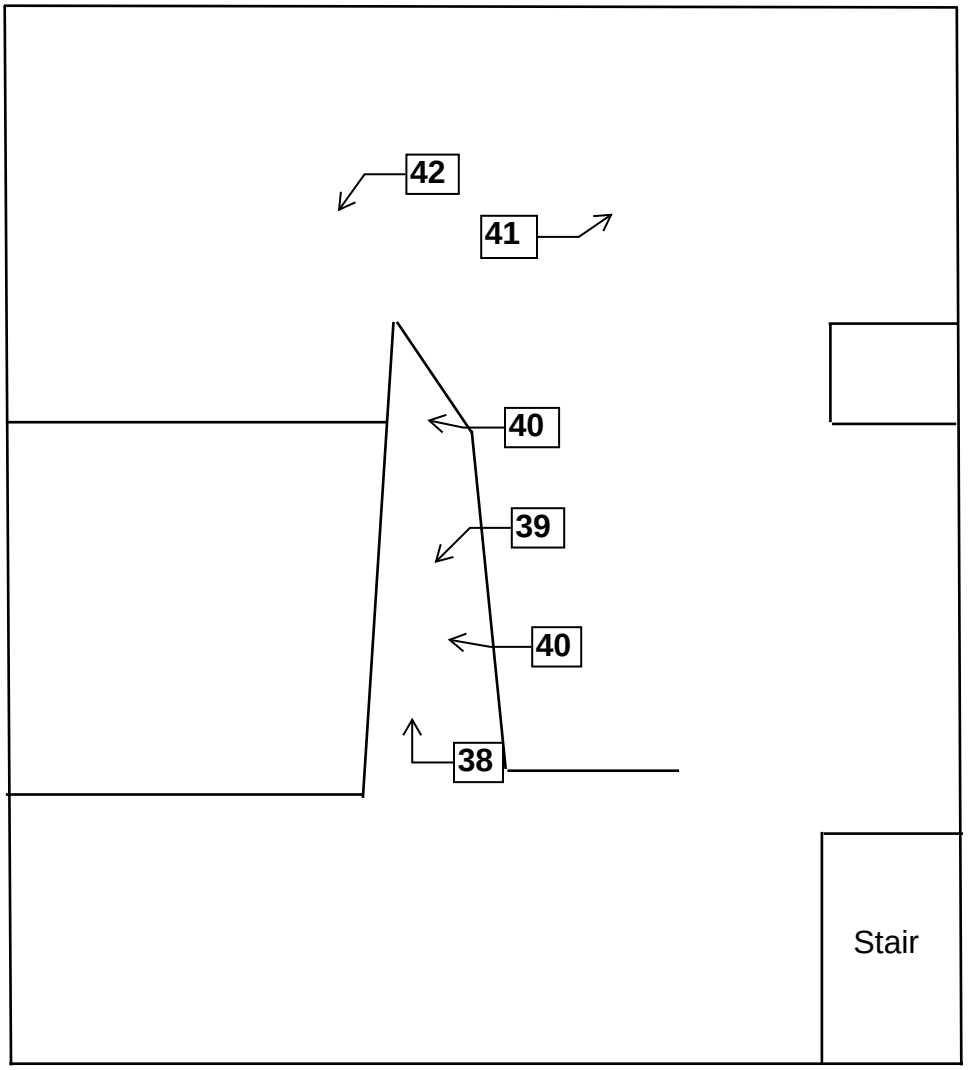
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. FLOOR PLANS

Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

N

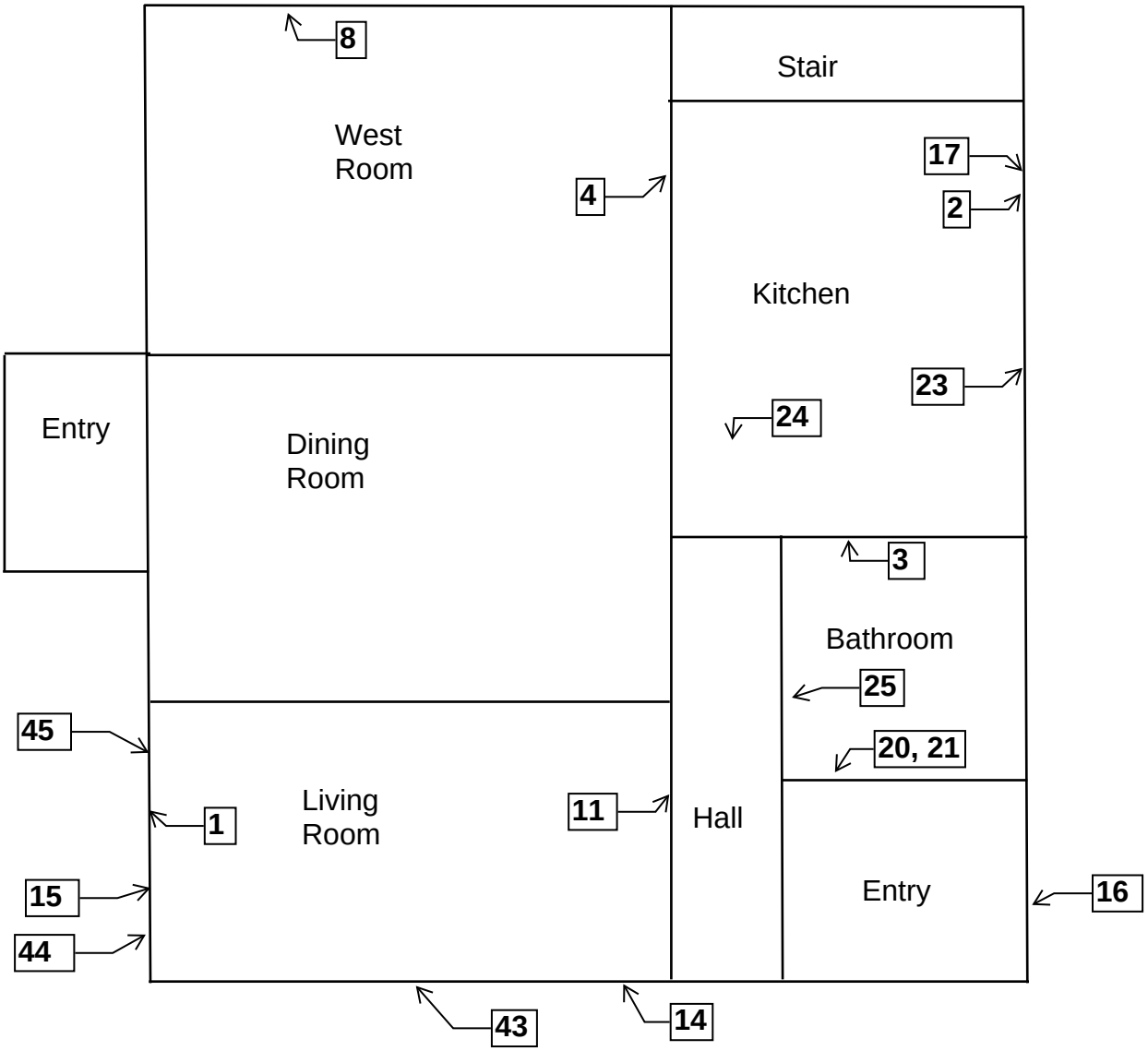
Basement Floor Plan



Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

N

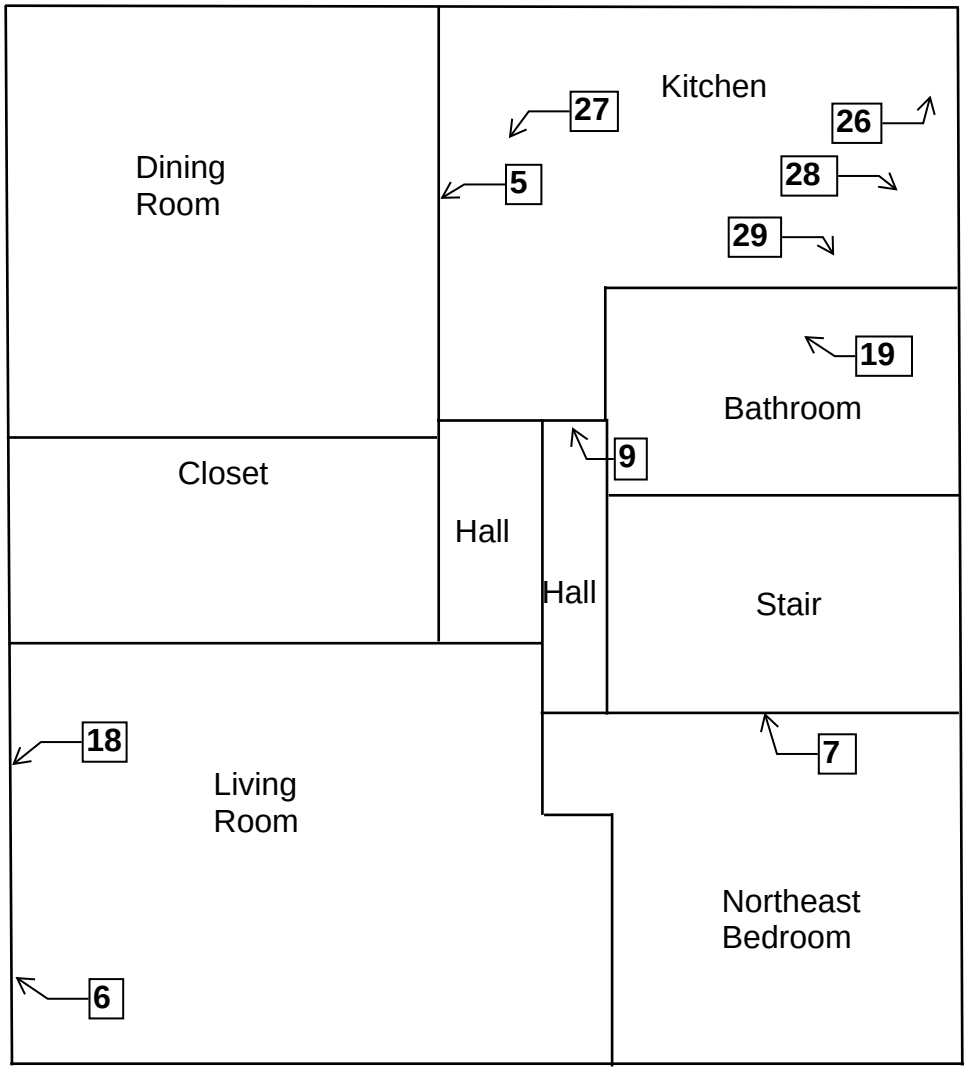
1st Floor Plan



Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

N

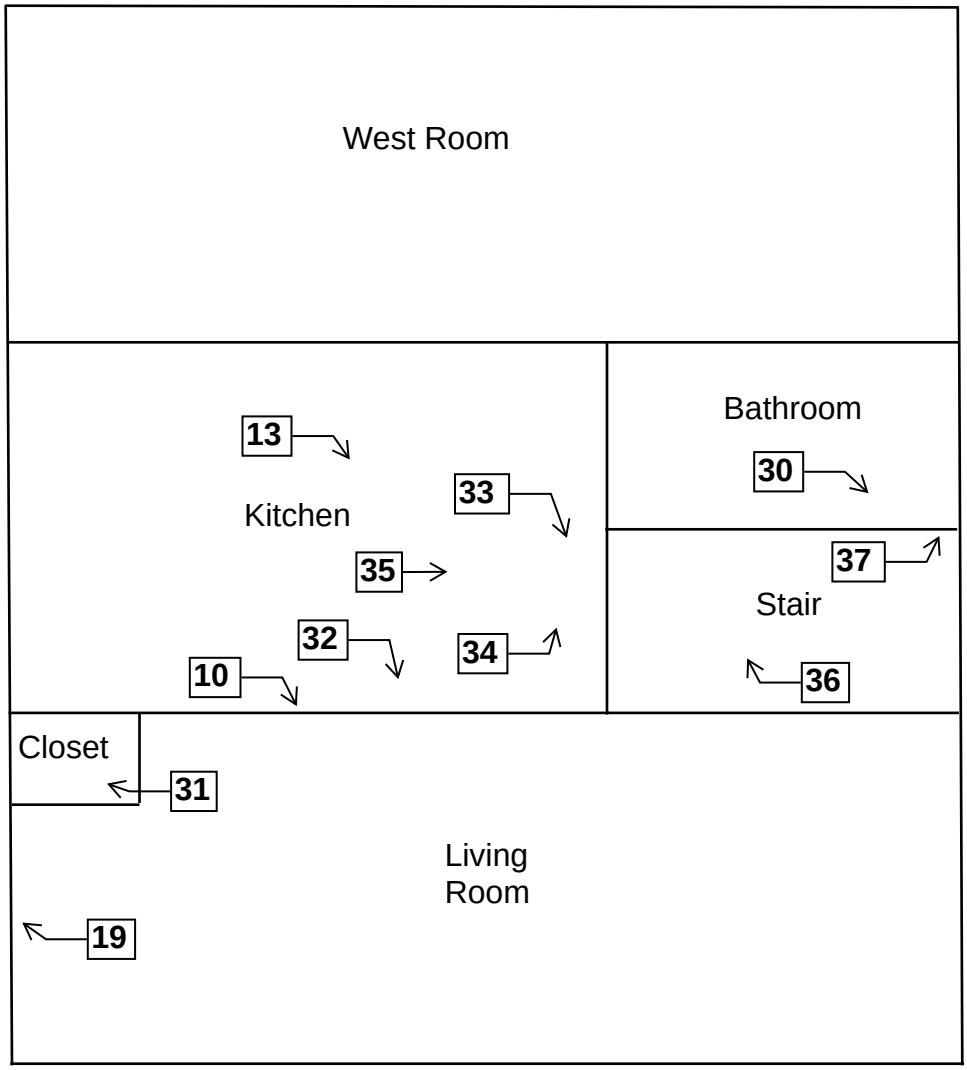
2nd Floor Plan



Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

N

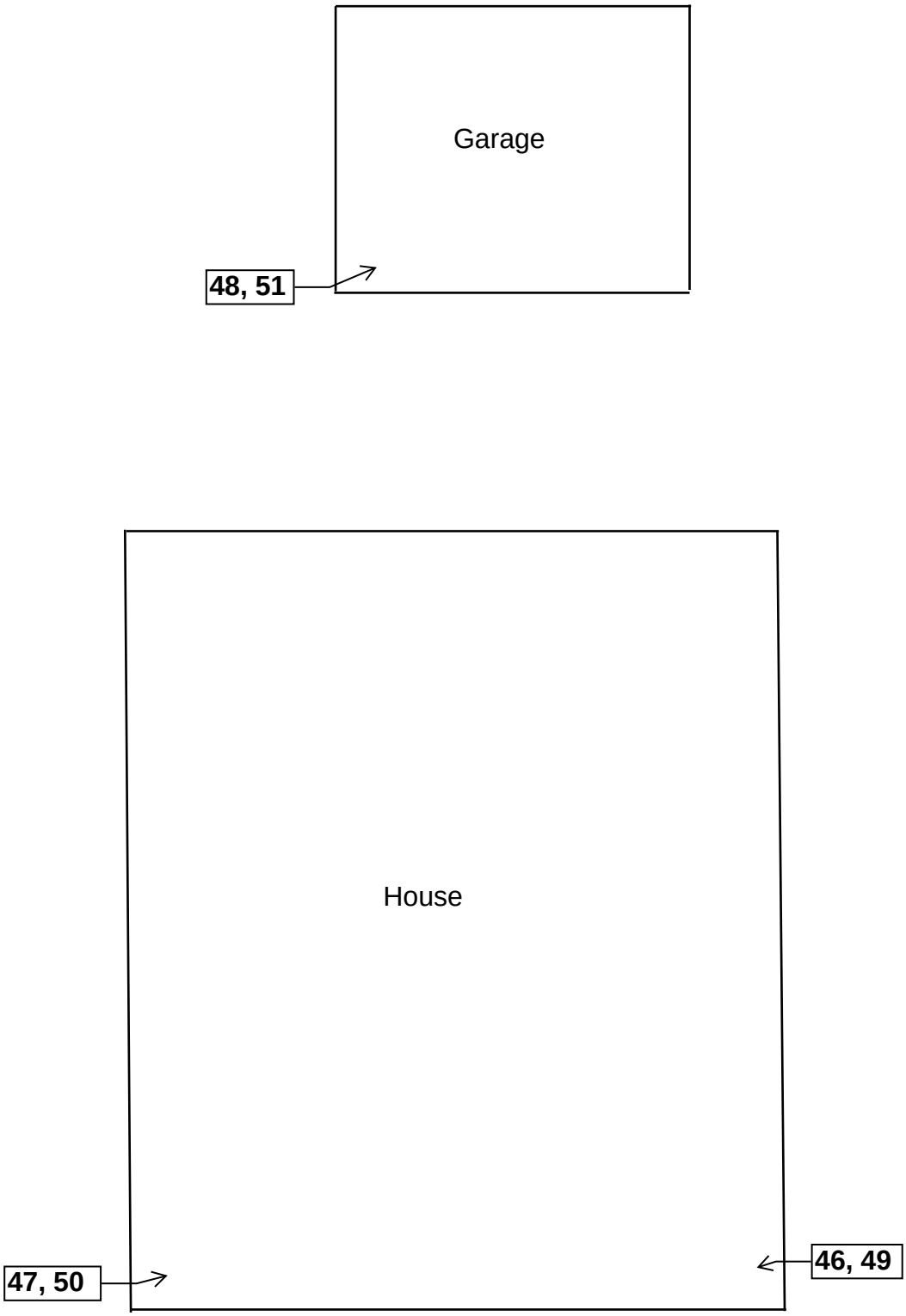
3rd Floor Plan



Three Family Dwelling
3221 North 24th Place
Milwaukee, Wisconsin

N

Roof Floor Plan



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 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,
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

August 27, 2018

CECIL JAMES TRAWICK JR
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2632-34 North 25th 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.: 18-400-024.2632-34
Inspector: Damian Rogowski
Contract No.: 360-18-0975

Prepared by:

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

December 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2632-34 North 25th Street
Milwaukee, Wisconsin

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

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

December 6, 2018

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

RE: Deconstruction Inspection Report
2632-34 North 25th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2632-34 North 25th 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 2632-34 North 25th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in 1st & 2nd floor duct wrap, basement flue packing, 1st & 2nd floor linoleum, 2nd floor floor tile, and attic insulation pad sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2632-34 North 25th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 26, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2632-34 North 25th Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Tar paper
- Blown in insulation
- Glazing compound
- Floor tile
- Duct wrap
- Texture
- Drywall/joint compound
- Linoleum
- Fiberboard
- Ceramic tile
- Ceiling tile
- Asphalt roofing

- Roof flashing
- Insulation pad
- Plaster
- Flue packing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	MPT
2	Exterior – north 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 north wall – blown in insulation	Negative	MBI
6	Exterior – in east wall – blown in insulation	Negative	MBI
7	Exterior – on west window – glazing compound	Trace <1% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
7	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
8	Exterior – on north window – glazing compound	Trace <1% Chrysotile	MPG
8	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
9	Exterior – on south window – glazing compound	Trace <1% Chrysotile	MPG
9	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
10	1st floor – room 101 – on north wall under panel – tan mastic	Negative	MPMt
11	1st floor – room 107 – on east wall under panel – tan mastic	Negative	MPMt
12	1st floor – room 107 – on west wall under panel – tan mastic	Negative	MPMt
13a	1st floor – room 100 top layer – 12" red floor tile	Negative	MF12r
13b	1st floor – room 100 bottom layer – 12" brown floor tile	Negative	MF12n
14	**1st floor – room 101 – on east wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
15	**1st floor – room 107 – on north wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
16	**2nd floor – room 202 – on north wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
17	1st floor – room 101 – on east wall – texture	Negative	STX
18a	1st floor – room 102 – on east wall – texture	Negative	STX
18b	1st floor – room 102 – on east wall – texture layer 2	Negative	STX
19a	1st floor – room 106 – on south wall – texture	Negative	STX
19b	1st floor – room 106 – on south wall – texture layer 2	Negative	STX
20a	1st floor – room 102 – ceiling – joint compound	Negative	MDW
20b	1st floor – room 102 – ceiling – drywall	Negative	MDW
21a	1st floor – room 103 – east wall – plaster skim coat	Negative	SPl
21b	1st floor – room 103 – east wall – plaster base coat	Negative	SPl
22	1st floor – room 103 – south wall – plaster	Negative	SPl
23a	1st floor – room 103 – west wall – plaster skim coat	Negative	SPl
23b	1st floor – room 103 – west wall – plaster base coat	Negative	SPl
24	1st floor – room 104 – west side top layer – 12" gray and green floor tile	Negative	MF12yg
25	1st floor – room 104 – north side top layer – 12" gray and green floor tile	Negative	MF12yg
26	1st floor – room 107 – top layer – 12" gray and green floor tile	Negative	MF12yg
27a	1st floor – room 104 – west side 3rd layer – yellow linoleum	Negative	MFLl
27b	1st floor – room 104 – west side 3rd layer – under yellow linoleum – yellow mastic	Negative	MFLl
28a	1st floor – room 104 – north side 3rd layer – yellow linoleum	Negative	MFLl
28b	1st floor – room 104 – north side 3rd layer – under yellow linoleum – yellow mastic	Negative	MFLl
29a	1st floor – room 107 – 3rd layer – yellow linoleum	Negative	MFLl
29b	1st floor – room 107 – 3rd layer – under yellow linoleum – yellow mastic	Negative	MFLl
30a	1st floor – room 104 – east side 5th layer –12" tan floor tile	Negative	MF12t
30b	1st floor – room 104 – east side 5th layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
30c	**1st floor – room 104 – east side 6th layer –tan linoleum**	**Positive 20% Chrysotile**	**MFLt**

Sample #	Location and Description	Results	Homogeneous Code
31	**1st floor – room 104 – north side 5th layer –tan linoleum**	**Positive 20% Chrysotile**	**MFLt**
32a	1st floor – room 107 – 5th layer –12" white floor tile	Negative	MF12w
32b	1st floor – room 107 – east side 6th layer – 12" tan floor tile	Negative	MF12t
32c	**1st floor – room 107 – east side 7th layer –tan linoleum**	**Positive 20% Chrysotile**	**MFLt**
33	1st floor – room 105 – on east wall under panel – brown mastic	Negative	MPMn
34	1st floor – room 105 – on north wall under panel – brown mastic	Negative	MPMn
35	1st floor – room 105 – on west wall under panel – brown mastic	Negative	MPMn
36a	1st floor – room 108 - west side top layer – tan and gray linoleum	Negative	MFLty
36b	1st floor – room 108 - west side 2nd layer – tan and brown linoleum	Negative	MFLtn
37a	1st floor – room 108 – south side top layer – tan and gray linoleum	Negative	MFLty
37a	1st floor – room 108 – south side top layer – under tan and gray linoleum – yellow mastic	Negative	MFLty
37c	1st floor – room 108 - west side 2nd layer – 12" brown and beige floor tile	Negative	MF12ne
37d	1st floor – room 108 - west side 3rd layer – 12" yellow floor tile	Negative	MF12l
37e	1st floor – room 108 - west side 3rd layer – under 12" yellow floor tile – yellow mastic	Negative	MF12l
38a	2nd floor – room 108 top layer – tan and gray linoleum	Negative	MFLty
38b	2nd floor – room 108 top layer – under tan and gray linoleum – yellow mastic	Negative	MFLty
38c	2nd floor – room 108 2nd layer – 12" yellow floor tile	Negative	MF12l
38d	2nd floor – room 108 2nd layer – under 12" yellow floor tile – yellow mastic	Negative	MF12l
39	**1st floor – room 108 - west side 3rd layer – gold linoleum**	**Positive 25% Chrysotile**	**MFLd**
40	**1st floor – room 108 - south side 4th layer – gold linoleum**	**Positive 25% Chrysotile**	**MFLd**
41	**2nd floor – room 108 - north side 3rd layer – gold linoleum**	**Positive 25% Chrysotile**	**MFLd**
42a	2nd floor – room 207 – west wall – joint compound	Negative	MDW
42b	2nd floor – room 207 – west wall – drywall	Negative	MDW
43	2nd floor – room 202 – north wall – drywall	Negative	MDW
44a	2nd floor – room 207 top layer – 12" brown and tan floor tile	Negative	MF12nt
44b	2nd floor – room 207 2nd layer – 12" brown and black floor tile	Negative	MF12nk
44c	2nd floor – room 207 3rd layer – 12" cream floor tile	Negative	MF12c
44d	**2nd floor – room 207 4th layer – yellow and tan linoleum**	**Positive 25% Chrysotile**	**MFLlt**
45a	2nd floor – room 204 – west side top layer – 12" brown and tan floor tile	Negative	MF12nt
45b	2nd floor – room 204 – west side 2nd layer – 12" brown and black floor tile	Negative	MF12nk
45c	2nd floor – room 204 – west side 3rd layer – 12" cream floor tile	Negative	MF12c

Sample #	Location and Description	Results	Homogeneous Code
45d	**2nd floor – room 204 – west side 4th layer – yellow and tan linoleum**	**Positive 25% Chrysotile**	**MFLlt**
46a	2nd floor – room 204 – north side top layer – 12" brown and tan floor tile	Negative	MF12nt
46b	2nd floor – room 204 – north side 2nd layer – 12" brown and black floor tile	Negative	MF12nk
46c	2nd floor – room 204 – north side 3rd layer – 12" cream floor tile	Negative	MF12c
46d	**2nd floor – room** 204 – north **side 4th layer – yellow and tan linoleum**	**Positive 25% Chrysotile**	**MFLlt**
47a	2nd floor – room 207 6th layer – fiberboard	Negative	MFB
47b	2nd floor – room 207 6th layer – under fiberboard - gray mastic	Negative	MFB
48a	2nd floor – room 204 – west side 6th layer – fiberboard	Negative	MFB
48b	2nd floor – room 204 – west side 6th layer – under fiberboard - gray mastic	Negative	MFB
49	2nd floor – room 204 – north side 6th layer – fiberboard	Negative	MFB
50a	2nd floor – room 207 7th layer – tan and beige linoleum	Negative	MFLte
50b	2nd floor – room 207 8th layer – brown and white linoleum	Negative	MFLnw
50c	2nd floor – room 207 8th layer – under brown and white linoleum – gray mastic	Negative	MFLnw
51a	2nd floor – room 204 – west side 7th layer – tan and beige linoleum	Negative	MFLte
51b	2nd floor – room 204 – west side 8th layer – brown and white linoleum	Negative	MFLnw
51c	2nd floor – room 204 – west side 8th layer – under brown and white linoleum – gray mastic	Negative	MFLnw
52a	2nd floor – room 204 – north side 7th layer – tan and beige linoleum	Negative	MFLte
52b	2nd floor – room 204 – north side 8th layer – brown and white linoleum	Negative	MFLnw
52c	2nd floor – room 204 – north side 8th layer – under brown and white linoleum – gray mastic	Negative	MFLnw
53	2nd floor – room 206 2nd layer – 12" tan and brown floor tile #2	Negative	MF12tn2
54	2nd floor – room 203 2nd layer – 12" tan and brown floor tile #2	Negative	MF12tn2
55	2nd floor – room 200 2nd layer – 12" tan and brown floor tile #2	Negative	MF12tn2
55	**2nd floor – room 200 3rd layer – yellow and gray linoleum**	**Positive 25% Chrysotile**	**MFLly**
56a	2nd floor – room 206 3rd layer – 12" gray floor tile	Negative	MF12y
56b	**2nd floor – room 206 4th layer – 9" red floor tile**	**Positive 4% Chrysotile**	**MF9r**
56c	2nd floor – room 206 4th layer – under 9" red floor tile – yellow mastic	Negative	MF9r
57a	2nd floor – room 205 – on south wall – white ceramic tile	Negative	MCTMw
57b	2nd floor – room 205 – on south wall – grout	Negative	MCTMw
57c	2nd floor – room 205 – on south wall – under white ceramic tile – yellow mastic	Negative	MCTMw
58a	2nd floor – room 205top layer – 12" beige floor tile	Negative	MF12e
58b	2nd floor – room 2052nd layer – gray linoleum	Negative	MFLy

Sample #	Location and Description	Results	Homogeneous Code
58c	2nd floor – room 2052nd layer – under gray linoleum – yellow mastic		MFLy
59a	**2nd floor – room 203 4th layer – 12" white and brown floor tile**	**Positive 5% Chrysotile**	**MF12wn**
59b	2nd floor – room 203 4th layer – under 12" white and brown floor tile – yellow mastic	Negative	MF12wn
60	2nd floor – room 202 north side – 2' x 4' ceiling tile	Negative	MSCT24
61	2nd floor – room 202 east side – 2' x 4' ceiling tile	Negative	MSCT24
62	2nd floor – room 202 west side – 2' x 4' ceiling tile	Negative	MSCT24
63	2nd floor – room 202 north side – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	MSCT11
64	2nd floor – room 202 east side – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	MSCT11
65	2nd floor – room 202 west side – above 2' x 4' ceiling tile – 1' x 1' ceiling tile	Negative	MSCT11
66a	2nd floor – room 202 – northeast 2nd layer – 12" beige and white floor tile	Negative	MF12ew
66b	2nd floor – room 202 – northeast 3rd layer – 12" tan and white floor tile	Negative	MF12tw
66c	2nd floor – room 202 – northeast 3rd layer – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
66d	**2nd floor – room 202 – northeast 4th layer – gold and yellow linoleum**	**Positive 25% Chrysotile**	**MFLdl**
67a	2nd floor – room 202 – northwest 2nd layer – 12" beige and white floor tile	Negative	MF12ew
67b	2nd floor – room 202 – northwest 3rd layer – 12" tan and white floor tile	Negative	MF12tw
67c	2nd floor – room 202 – northwest 3rd layer – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
67d	2nd floor – room 202 – northwest 4th layer – gold and yellow linoleum	Negative	MFLdl
68a	2nd floor – room 202 – southeast 2nd layer – 12" beige and white floor tile	Negative	MF12ew
68b	2nd floor – room 202 – southeast 3rd layer – 12" tan and white floor tile	Negative	MF12tw
68c	2nd floor – room 202 – southeast 3rd layer – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
68d	**2nd floor – room 202 – southeast 4th layer – gold and yellow linoleum**	**Positive 25% Chrysotile**	**MFLdl**
69	Roof – southwest porch – black asphalt shingle	Negative	MRSk
70	Roof – southeast – black asphalt shingle	Negative	MRSk
71	Roof – north center – black asphalt shingle	Negative	MRSk
72	Roof – southwest porch – tar flashing	Negative	MRF
73	Attic – stair – black stair tread	Negative	MSTk
74	**Attic – on east wall – insulation pad**	**Positive 60% Chrysotile**	**TIP**
75	Attic – on west wall – tar paper #2	Negative	MPT2
76	Attic – center – multicolored linoleum	Negative	MFLm
77a	1st floor – room 101 – north wall – joint compound layer	Negative	SPl2
77b	1st floor – room 101 – north wall – plaster skim coat	Negative	SPl2
77c	1st floor – room 101 – north wall – plaster base coat	Negative	SPl2
78a	1st floor – room 105 – east wall – plaster skim coat	Negative	SPl2
78b	1st floor – room 105 – east wall – plaster base coat	Negative	SPl2

Sample #	Location and Description	Results	Homogeneous Code
79a	2nd floor – room 206 – south wall – plaster skim coat	Negative	SPl2
79b	2nd floor – room 206 – south wall – plaster base coat	Negative	SPl2
80a	2nd floor – room 203 – east wall – plaster skim coat	Negative	SPl2
80b	2nd floor – room 203 – east wall – plaster base coat	Negative	SPl2
81a	Basement – stair – east wall – joint compound layer	Negative	SPl2
81b	Basement – stair – east wall – plaster skim coat	Negative	SPl2
81c	Basement – stair – east wall – plaster base coat	Negative	SPl2
82	Basement – on south wall – gray flue packing	Negative	TFPy
83	**Basement – on chimney – black flue packing**	**Positive 20% Chrysotile**	**TFPk**

Ten (10) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Duct Wrap	TDW	Vents in 1st & 2nd Floor Rooms, Ducts in 1st Floor Walls	170 SF	Poor
Tan Linoleum	MFLt	1st Floor Room 104 6th /7th Layer, Room 107 6th Layer	220 SF	Good
Gold Linoleum	MFLd	1st & 2nd Floor Room 108 3rd /4th Layer	160 SF	Good
Yellow & Tan Linoleum	MFLlt	2nd Floor Rooms 204 & 207 4th Layer	200 SF	Good
Yellow & Gray Linoleum	MFLly	2nd Floor Rooms 200 3rd Layer	190 SF	Good
Gold & Yellow Linoleum	MFLdl	2nd Floor Rooms 202 4th Layer	180 SF	Good
9” Red Floor Tile	MF9r	2nd Floor Rooms 206 4th Layer	120 SF	Good
12” White & Brown Floor Tile	MF12wn	2nd Floor Rooms 203 4th Layer	120 SF	Good
Insulation Pad	TIP	Attic on East Wall	1 SF	Poor
Black Flue Packing	TFPk	Basement on Chimney	4 SF	Poor

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Window on All Floors	46 Windows	Fair

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

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
SPl2	Plaster #2
STX	Texture
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MBI	Blown in Insulation
MPG	Glazing Compound
MPMt	Tan Wall Panel Mastic
MPMn	Brown Wall Panel Mastic
MDW	Drywall/Joint Compound
MF12r	12” Red Floor Tile
MF12n	12” Brown Floor Tile
MF12yg	12” Gray & Green Floor Tile
MF12nt	12” Brown & Tan Floor Tile
MF12nt2	12” Brown & Tan Floor Tile #2
MF12t	12” Tan Floor Tile
MF12w	12” White Floor Tile
MF12ne	12” Brown & Beige Floor Tile
MF12l	12” Yellow Floor Tile
MF12nt2	12” Brown & Tan Floor Tile #2
MF12nk	12” Brown & Black Floor Tile
MF12c	12” Cream Floor Tile
MF12y	12” Gray Floor Tile
MF12e	12” Beige Floor Tile
MF12wn	12” White & Brown Floor Tile
MF12tw	12” Tan & White Floor Tile
MF12ew	12” Beige & White Floor Tile
MF9r	9” Red Floor Tile
MFLl	Yellow Linoleum
MFLt	Tan Linoleum
MFLty	Tan & Gray Linoleum
MFLtn	Tan & Brown Linoleum
MFLd	Gold Linoleum
MFLlt	Yellow & Tan Linoleum
MFLte	Tan & Beige Linoleum
MFLnw	Brown & White Linoleum
MFLly	Yellow & Gray Linoleum
MFLy	Gray Linoleum
MFLdl	Gold & Yellow Linoleum
MFLm	Multicolored Linoleum
MSCT24	2’ x 4’ Ceiling Tile

Homogeneous Material Codes

MSCT11	1' x 1' Ceiling Tile
MSTk	Black Stair Tread
MFB	Fiberboard
MCTMw	White Ceramic Tile
MRSk	Black Asphalt Shingle
MRF	Roof Flashing
TDW	Duct Wrap
TIP	Insulation Pad
TFPy	Gray Flue Packing
TFPk	Black 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 2632-34 North 25th Street, Milwaukee, Wisconsin, took place on September 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 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

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

Interior: 2632-34 North 25th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the interior attic chimney, basement walls, and basement floor. Lead based paint was detected in the tan paint on the basement walls.**

Exterior: 2632-34 North 25th Street, Milwaukee, Wisconsin

- **Painted masonry was observed on the exterior porch columns. Lead based paint was not detected.**

The following are the laboratory results.

Site: 2632-34 North 25th Street, Milwaukee, Wisconsin **Date: 9/26/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	Porch Column	Block	Gray	0.0813
P02	Attic	Chimney	Brick	Gray	0.436
P03	**Basement**	**East Wall**	**Block**	**Tan**	**1.42**
P04	Basement	Floor	Concrete	Gray	0.0447

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)
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 & 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 Electric Meter on Exterior. 2 Breaker Boxes in Basement. 1 Breaker Box in Attic.

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 – Exterior

N/A Junk Vehicles

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
004	4	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <1	NA	CaCO3 Binder

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <1	NA	CaCO3 Binder
009	9	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <1	NA	CaCO3 Binder
010	10	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
011	11	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
012	12	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
013	13	Layered	Red Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013a		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
014	14	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
015	15	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
016	16	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
017	17	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018	18	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
020	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
020a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
021	21	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
021a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
023	23	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
023a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
024	24	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
025	25	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
026	26	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
027	27	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
027a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
028	28	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
028a		Layered	Tan Mastic	Asbestos Not Present	NA		Glue
029	29	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
029a		Layered	Tan Mastic	Asbestos Not Present	NA		Glue
030	30	Layered	Tan Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl

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030a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
030b		Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
031	31	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
032	32	Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032b		Layered	Gray Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
033	33	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
034	34	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
035	35	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
036	36	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
036a		Layered	Tan Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
037	37	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
037a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037b		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037c		Layered	Yellow Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037d		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038	38	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
038a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038b		Layered	Yellow Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
038c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039	39	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
040	40	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
041	41	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
042	42	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint
042a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
043	43	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
044	44	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
044a		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
044b		Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
044c		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
045	45	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
045a		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
045b		Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
045c		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
046	46	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046a		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046b		Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046c		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
047	47	Layered	Brown Flooring	Asbestos Not Present	Cellulose 95	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
047a		Layered	Gray Mastic	Asbestos Not Present	NA		Glue
048	48	Layered	Brown Flooring	Asbestos Not Present	Cellulose	95	Binder
048a		Layered	Gray Mastic	Asbestos Not Present	NA		Glue
049	49	Homogeneous	Brown Flooring	Asbestos Not Present	Cellulose	95	Binder
050	50	Layered	Tan Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl
050a		Layered	Brown Flooring	Asbestos Not Present	Cellulose	95	Binder
050b		Layered	Gray Mastic	Asbestos Not Present	NA		Glue

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051	51	Layered	Tan Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
051a		Layered	Brown Flooring	Asbestos Not Present	Cellulose	95	Binder
051b		Layered	Gray Mastic	Asbestos Not Present	NA		Glue
052	52	Layered	Tan Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
052a		Layered	Brown Flooring	Asbestos Not Present	Cellulose	95	Binder
052b		Layered	Gray Mastic	Asbestos Not Present	NA		Glue

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053	53	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
054	54	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055	55	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
056	56	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
056a		Layered	Red Floor Tile	Asbestos Present Chrysotile 4	NA	CaCO3 Vinyl
056b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
057	57	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
057a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Sand
057b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
058	58	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
058a		Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
058b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Project Location: Milwaukee, WI
Project Number: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
059	59	Layered	Cream Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
059a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
060	60	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
061	61	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
062	62	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
063	63	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
064	64	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
065	65	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
066	66	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
066a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
066b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
066c		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
067	67	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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

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QUANTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
067a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
067b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
067c		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 25	CaCO3 Vinyl
068	68	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
068a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
068b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
068c		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
069	69	Homogeneous	Gray Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
070	70	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
071	71	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
072	72	Homogeneous	Black Tar	Asbestos Not Present	Cellulose	35	Tar
073	73	Homogeneous	Black Flooring	Asbestos Not Present	NA		CaCO3 Vinyl
074	74	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose	30	Binder

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
075	75	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
076	76	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Not Present	NA		Vinyl CaCO3
077	77	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
077a		Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
077b		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Sand Gypsum
078	78	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint
078a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Gypsum Sand

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
079	79	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
079a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Gypsum Sand
080	80	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
080a		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Gypsum Sand
081	81	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
081a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300423
Account Number: B929
Date Received: 10/08/2018
Received By: Katie Davis
Date Analyzed: 11/07/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
081b		Layered	Gray Plaster	Asbestos Not Present	Hair 3	Gypsum Sand
082	82	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
083	83	Homogeneous	Black Bulk	Asbestos Present Chrysotile 20	NA	Tar

Dee Am

Dee Ammerman, Analyst

11/9/2018
Date of Report

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 300423	
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:	18-400-024.2632
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	10/5/18 1700	FedEx	[illegible]	10-8-18 9:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (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"

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Lab No. _____	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	11	☒				
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	☑				

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For Lab Use Only
Lab No. _____
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (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	49	☐				
50	50	☑				

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For Lab Use Only	
Lab No.	
Accept	Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
51	51	☒				
52	52	☐				
53	53	☐				
54	54	☐				
55	55	☐				
56	56	☐				
57	57	☐				
58	58	☐				
59	59	☐				
60	60	☐				
61	61	☐				
62	62	☐				
63	63	☐				
64	64	☐				
65	65	☐				
66	66	☐				
67	67	☐				
68	68	☐				
69	69	☐				
70	70	☒				

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For Lab Use Only
Lab No. _____
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
71	71	☒				
72	72	☐				
73	73	☐				
74	74	☐				
75	75	☐				
76	76	☐				
77	77	☐				
78	78	☐				
79	79	☐				
80	80	☐				
81	81	☐				
82	82	☐				
83	83	☒				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				

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

QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301824
Account Number: B929
Date Received: 11/09/2018
Received By: Taylor Hooper
Date Analyzed: 11/16/2018
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

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

Project: DNS (400 PTCT for 300423)
Project Location: Milwaukee, WI
Project Number: 18-400-024.2632

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	7	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	8	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
003	9	Homogeneous	Tan Caulk	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Dee Ammerman, Analyst

11/16/2018
Date of Report

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

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

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

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For Lab Use Only
Lab No. 301824
Accept Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2632
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	11/9/18 1605	Email	[signature]	~~11-16-18~~ 11-9-18 4:05

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	7	☑				QuanTEM Lab No. 300423
2	8	☑				
3	9	☑				
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

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 300148
Date Received: 10/01/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 10/08/18

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.: 18-400-024.2632

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.0813	0.005	%	10/02/18 11:14	P EPA 7000B (1)
002	P02	Paint	Lead	0.436	0.00494	%	10/02/18 11:14	P EPA 7000B (1)
003	P03	Paint	Lead	1.42	0.00497	%	10/02/18 11:14	P EPA 7000B (1)
004	P04	Paint	Lead	0.0447	0.00495	%	10/02/18 11:14	P EPA 7000B (1)

Authorized Signature: Cherry Rossen

Cherry Rossen, Technical Manager

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

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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

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	3001148
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2632

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	9/28/18 1700	Fed Ex	[illegible]	10-1-18 9:45

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	P01				B	X				X				
2	P02				↓	↓				↓				
3	P03				↓	↓				↓				
4	P04				↓	↓				↓				
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

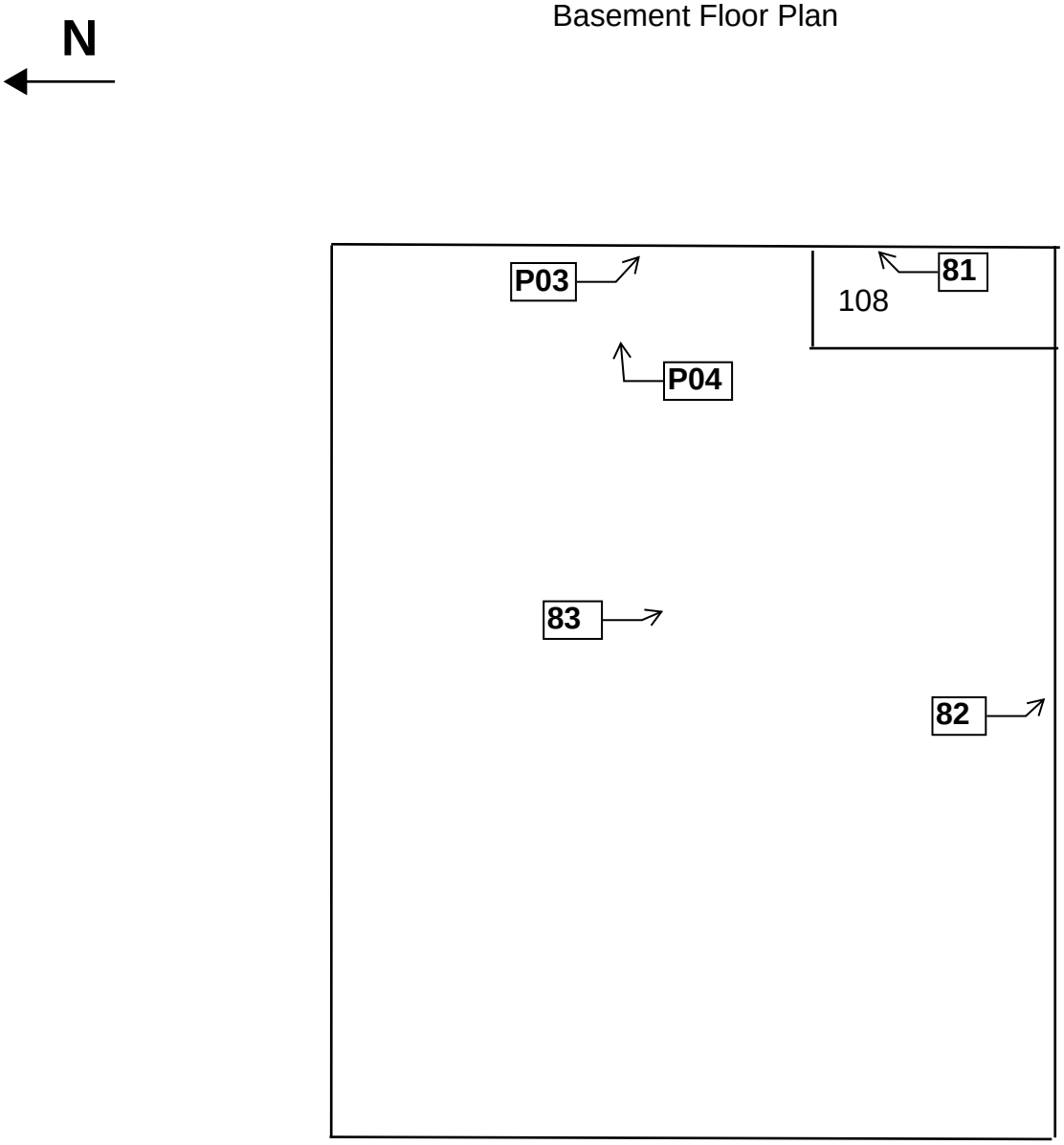
TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
✓	5 - Day

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

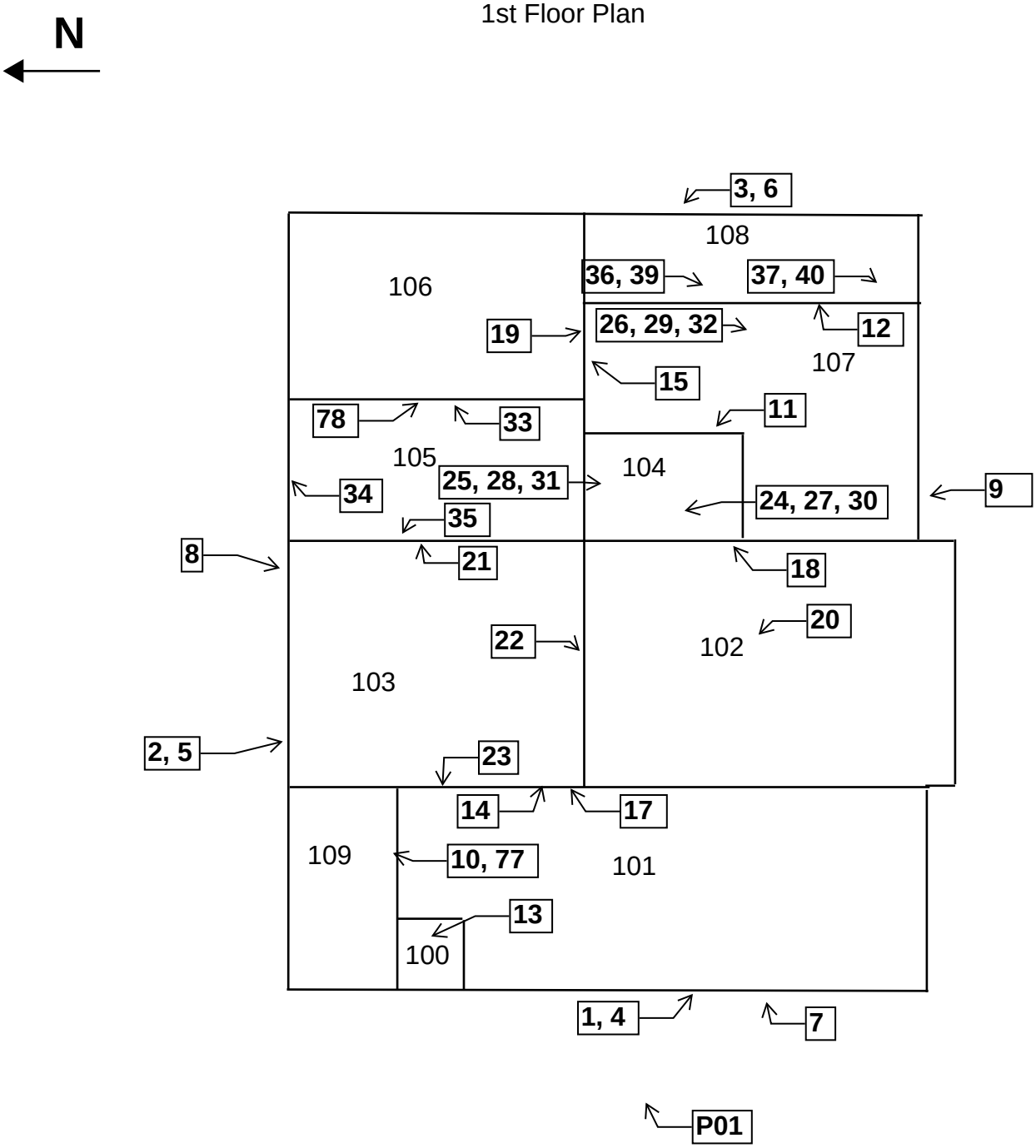
Two Family Dwelling
2632-34 North 25th Street
Milwaukee, Wisconsin

Basement Floor Plan



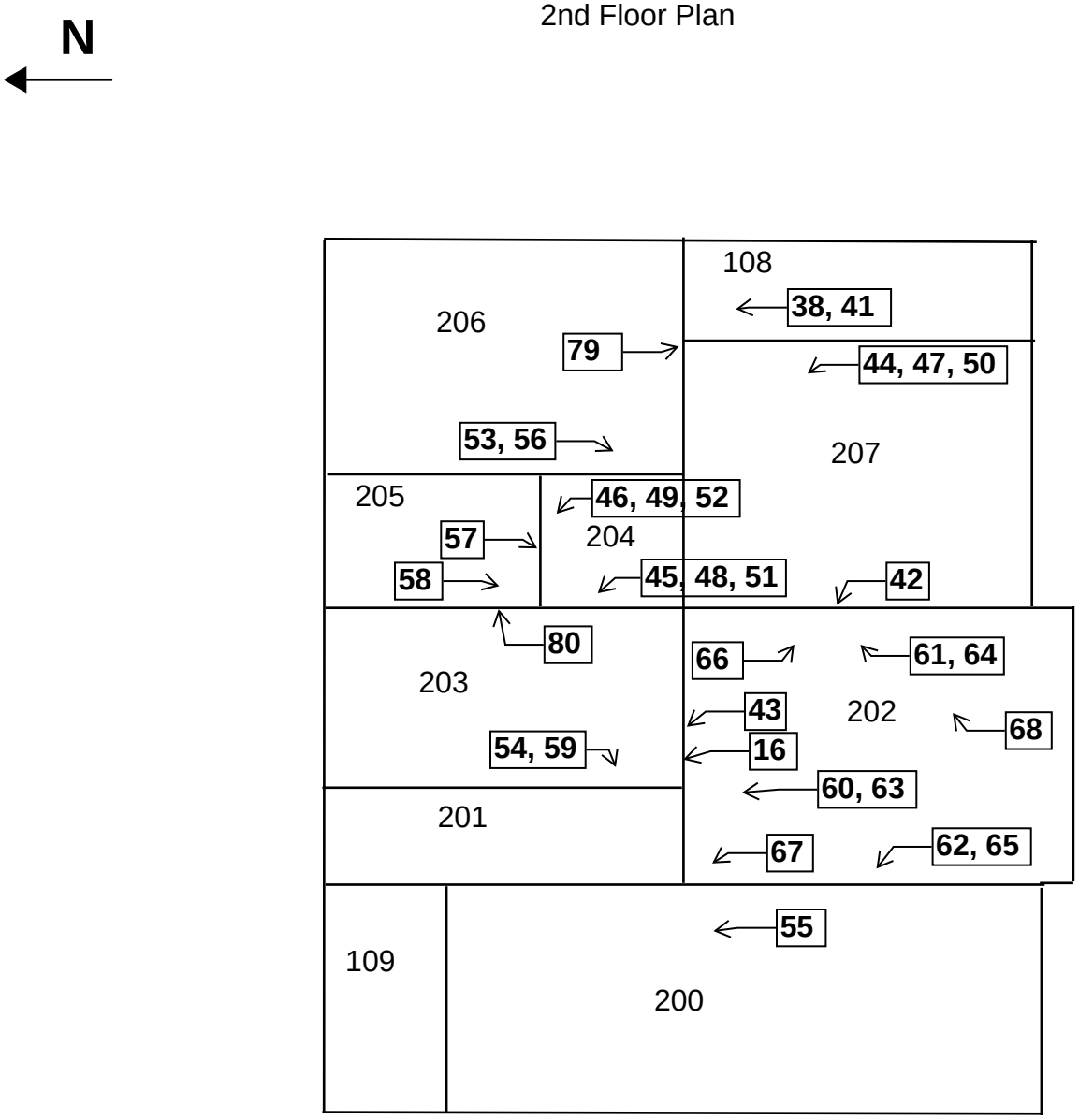
Two Family Dwelling
2632-34 North 25th Street
Milwaukee, Wisconsin

1st Floor Plan



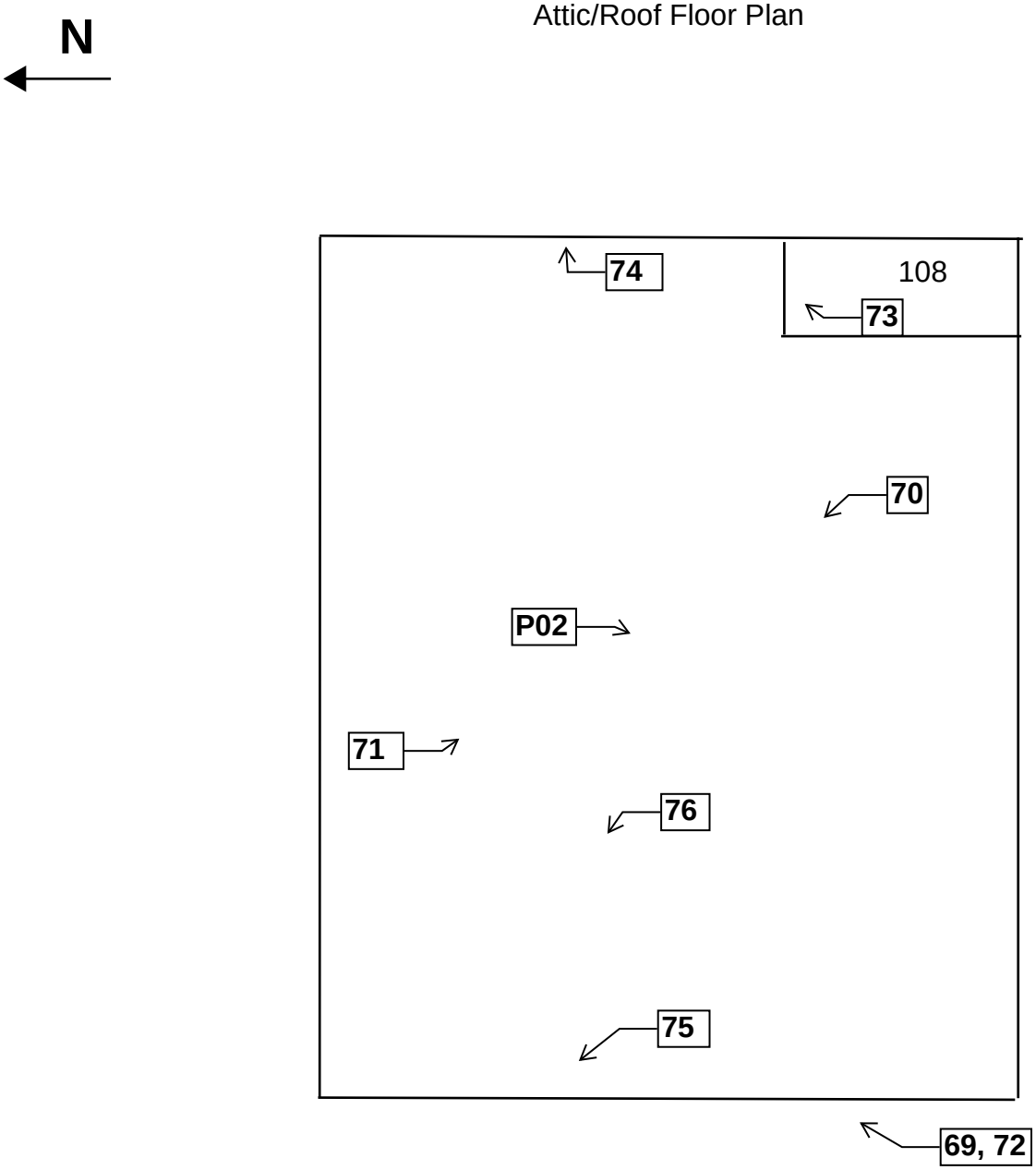
Two Family Dwelling
2632-34 North 25th Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2632-34 North 25th Street
Milwaukee, Wisconsin

Attic/Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 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,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH
1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

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

February 1, 2018

DAMIAN SCOTT ROGOWSKI
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

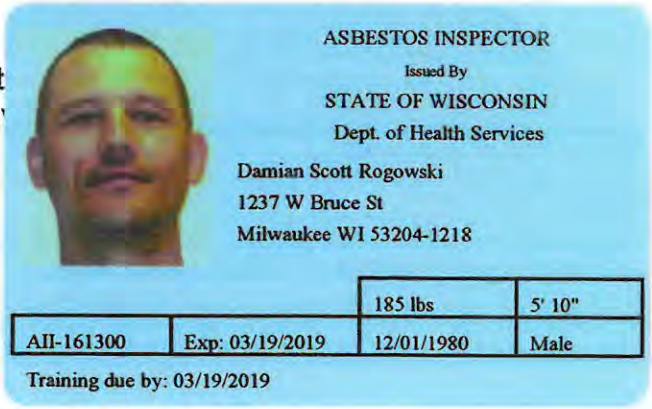
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos 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 prot
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

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
One Family Dwelling
3340 North 25th 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.: 20-400-020.3340
Inspector: Jazmin Spears
Contract No.: 360-20-0975

Prepared by:

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

March 2020

Signature Page
Pre-Demolition Inspection Report
One Family Dwelling
3340 North 25th 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

March 23, 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
3340 North 25th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 3340 North 25th 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 3340 North 25th 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 basement flue packing. Asbestos was assumed to be in the asphalt roofing and in the floor tile and mastic in the dwelling. Results are in Section IV of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling at 3340 North 25th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement and has vinyl and wood walls 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 March 10, 2020, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 3340 North 25th Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370..

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of 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
- Paper insulation
- Ceramic tile
- Caulk
- Flue packing
- Drywall/joint compound
- Plaster
- 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 Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall – under vinyl siding – asphalt shingle siding	Negative	MSS
2	Exterior – south wall – under vinyl siding – asphalt shingle siding	Negative	MSS
3	Exterior – east wall – under vinyl siding – asphalt shingle siding	Negative	MSS
4	Exterior – west wall – under asphalt shingle siding – black paper insulation	Negative	MPIk
5	Exterior – south wall – under asphalt shingle siding – black paper insulation	Negative	MPIk
6	Exterior – east wall – under asphalt shingle siding – black paper insulation	Negative	MPIk
7	Exterior – west wall – under wood siding – brown paper insulation	Negative	MPIn
8	Exterior – south wall – under wood siding – brown paper insulation	Negative	MPIn
9	Exterior – east wall – under wood siding – brown paper insulation	Negative	MPIn
10a	1st floor – bathroom floor – white and gray ceramic tile	Negative	MCTMwy
10b	1st floor – bathroom floor – under white and gray ceramic tile – mortar	Negative	MCTMwy
10c	1st floor – bathroom floor – grout	Negative	MCTMwy

Sample #	Location and Description	Results	Homogeneous Code
11a	1st floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
11b	1st floor – bathroom – on west wall – under white ceramic tile – tan mastic	Negative	MCTMw
12	1st floor – bathroom – on tub – white caulk	Negative	MCLKw
13	1st floor – kitchen – near sink – beige caulk	Negative	MCLKe
14	Basement – on chimney – flue packing	Positive 2% Chrysotile	TFP
14	Point Count Result	Trace 0.5% Chrysotile	TFP
15a	1st floor – living room – west wall – drywall	Negative	MDW
15b	1st floor – living room – west wall – joint compound	Negative	MDW
16a	1st floor – dining room – west wall – drywall	Negative	MDW
16b	1st floor – dining room – west wall – joint compound	Negative	MDW
17a	2nd floor – north bedroom – north wall – drywall	Negative	MDW
17b	2nd floor – north bedroom – north wall – joint compound	Negative	MDW
18a	1st floor – living room – north wall under drywall – plaster base coat	Negative	SPl
18b	1st floor – living room – north wall under drywall – plaster skim coat	Negative	SPl
19a	1st floor – front entry – south wall – plaster base coat	Negative	SPl
19b	1st floor – front entry – south wall – plaster skim coat	Negative	SPl
20	1st floor – south bedroom – north wall – plaster	Negative	SPl
21a	1st floor – kitchen – south wall – plaster base coat	Negative	SPl
21b	1st floor – kitchen – south wall – plaster skim coat	Negative	SPl
22	1st floor – rear stair – east wall – plaster	Negative	SPl
23	2nd floor – north bedroom – north wall under drywall – plaster	Negative	SPl
24	2nd floor – south room – south wall – plaster	Negative	SPl

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

One (1) of the materials sampled contains less than 1% asbestos as verified by point counting and is not an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Flue Packing	TFP	Basement on Chimney	2 SF	Friable

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Material Type
Asphalt Shingles & Flashing	House Roof	900 SF	Category I Non-Friable
Floor Tile & Mastic	1st Floor Kitchen	450 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 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
MSS	Asphalt Shingle Siding
MPIk	Black Paper Insulation
MPIn	Brown Paper Insulation
MCTMwy	White & Gray Ceramic Tile
MCTMw	White Ceramic Tile
MCLKw	White Caulk
MCLKe	Beige Caulk
MDW	Drywall/Joint Compound
TFP	Flue Packing

V. EXCLUSIONS

Dwelling is fire damaged – surfaces in all rooms only partially accessible. No access to 2nd floor west room due to fire damage. 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 – 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

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

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

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

ELECTRICAL SYSTEMS – 1 Electrical Box in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A 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

Order #: 364522

Received 03/12/20
Analyzed 03/17/20
Reported 03/19/20

Attn:

Project:
Location: Wisconsin
Number: 20-400-020-3340

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
364522-001	03/10/20	1	Wisconsin		
Layer 1: Shingle Black, 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.					
364522-002	03/10/20	2	Wisconsin		
Layer 1: Shingle Black, 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.					
364522-003	03/10/20	3	Wisconsin		
Layer 1: Shingle Black, 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.					
364522-004	03/10/20	4	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
364522-005	03/10/20	5	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
364522-006	03/10/20	6	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
364522-007	03/10/20	7	Wisconsin		
Layer 1: Felt Black/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: 20-400-020-3340

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
364522-008	03/10/20	8	Wisconsin		
Layer 1: Felt Black/Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
364522-009	03/10/20	9	Wisconsin		
Layer 1: Felt Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
364522-010	03/10/20	10	Wisconsin		
Layer 1: Tile Dark Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Grout Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
364522-011	03/10/20	11	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
364522-012	03/10/20	12	Wisconsin		
Layer 1: Soft Material Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
364522-013	03/10/20	13	Wisconsin		
Layer 1: Soft Material Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
364522-014	03/10/20	14	Wisconsin		
Layer 1: Granular Material Off White, 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: 20-400-020-3340

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
364522-015	03/10/20	15	Wisconsin		
Layer 1: Drywall				None Detected	5% CELLULOSE FIBER
White, Powdery					95% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
364522-016	03/10/20	16	Wisconsin		
Layer 1: Drywall				None Detected	5% CELLULOSE FIBER
White, Powdery					95% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
364522-017	03/10/20	17	Wisconsin		
Layer 1: Drywall				None Detected	5% CELLULOSE FIBER
White, Powdery					95% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
364522-018	03/10/20	18	Wisconsin		
Layer 1: Plaster				None Detected	100% NON FIBROUS MATERIAL
Gray, Granular					
Layer 2: Skim Coat				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
364522-019	03/10/20	19	Wisconsin		
Layer 1: Plaster				None Detected	100% NON FIBROUS MATERIAL
Gray, Granular					
Layer 2: Skim Coat				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
364522-020	03/10/20	20	Wisconsin		
Layer 1: Powdery Material				None Detected	3% CELLULOSE FIBER
Beige, Powdery					97% 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: 20-400-020-3340

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
364522-021	03/10/20	21	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
364522-022	03/10/20	22	Wisconsin		
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100% NON FIBROUS MATERIAL
364522-023	03/10/20	23	Wisconsin		
Layer 1: Drywall White, Powdery One Layer Found.				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
364522-024	03/10/20	24	Wisconsin		
Layer 1: Drywall White, Powdery One Layer Found.				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 33

364522-03/19/20 12:15 PM

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.

364522 X 24

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UPS 1Z2E28998462225157

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	20-400-020.3340				
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]
1	3/10/20								
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: [signature] Date/Time 3/11/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ 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	20-400-020.3340				
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]
11	3/10/20								
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: Dean Jacobsen Date/Time 3/4/20 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	20-400-020.3340				
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]
21	3/10/20								
22	↓								
23									
24									

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: [signature] Date/Time 3/11/20, 2:00

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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 #: 365627

Received 03/12/20
Analyzed 03/23/20
Reported 03/23/20

Attn:

Project:
Location: Wisconsin
Number: 20-400-020-3340

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
365627-001	03/10/20	14	Wisconsin		
Layer 1:	Granular Material			0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
Off White, Granular, Homogenous					

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

365627-03/23/20 12:29 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

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	20-400-020.3340				
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)
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* 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]
14	3/10/20								

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: [signature] Date/Time 3/19/20 1605

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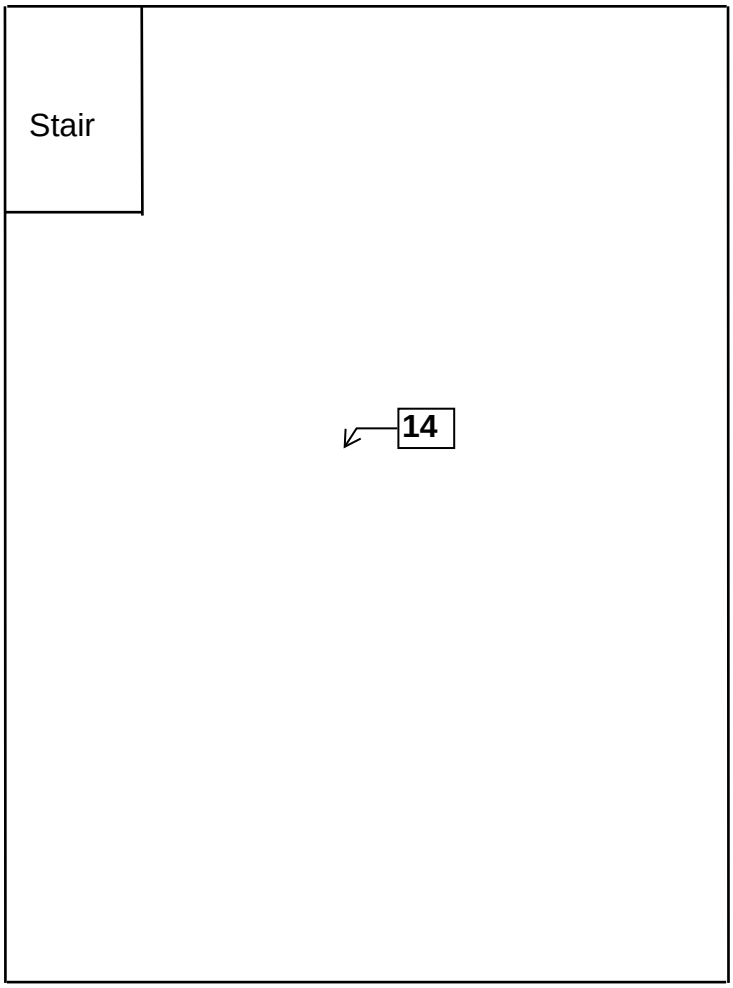
IX. FLOOR PLANS

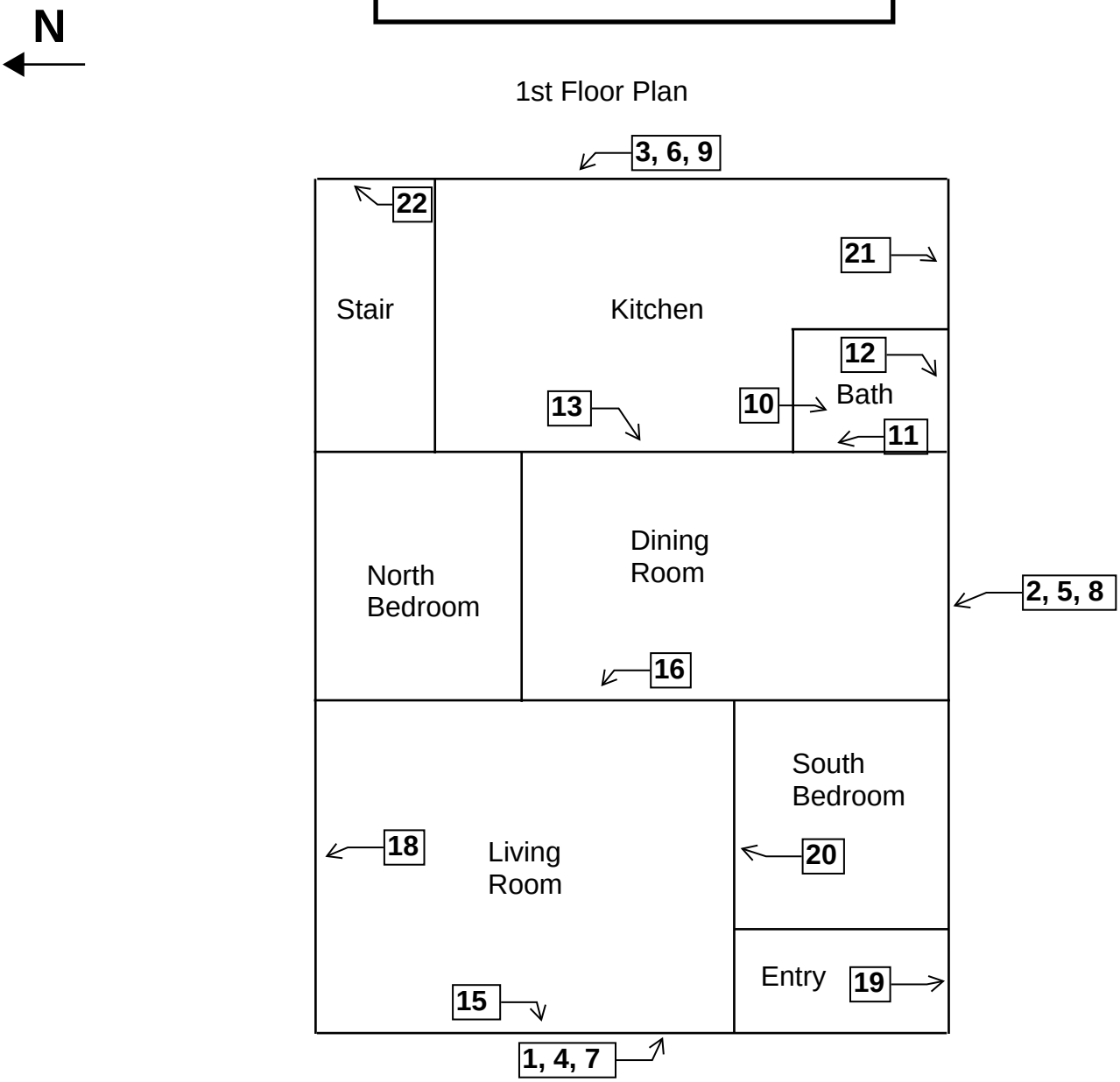
One Family Dwelling
3340 North 25th Street
Milwaukee, Wisconsin

N

Basement Floor Plan



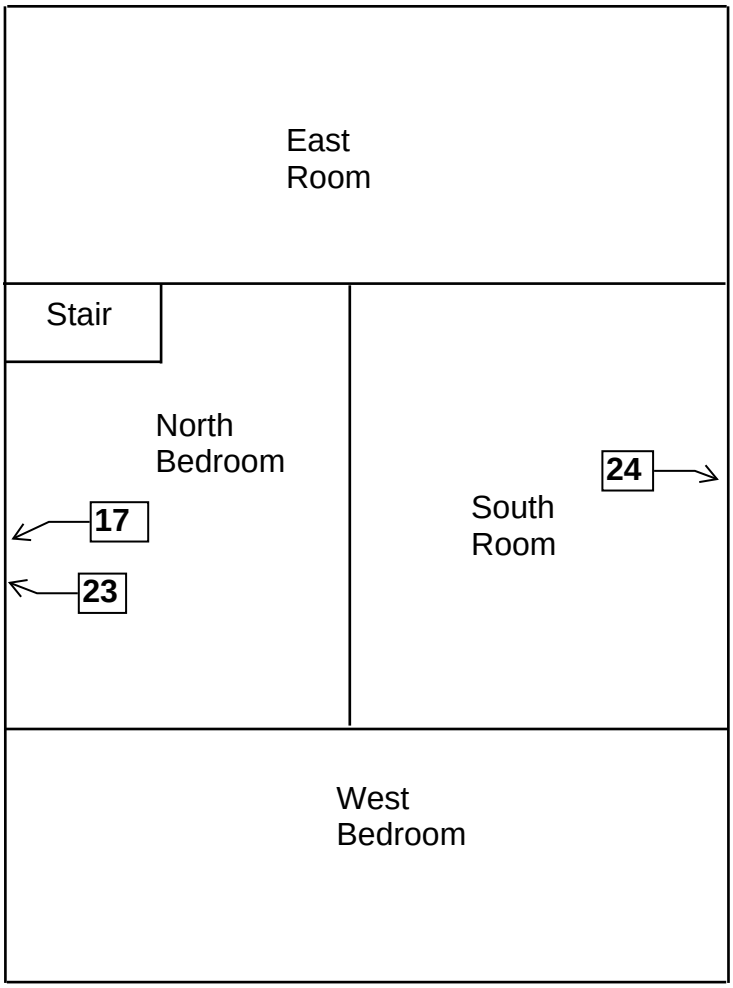
One Family Dwelling
3340 North 25th Street
Milwaukee, Wisconsin



One Family Dwelling
3340 North 25th 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

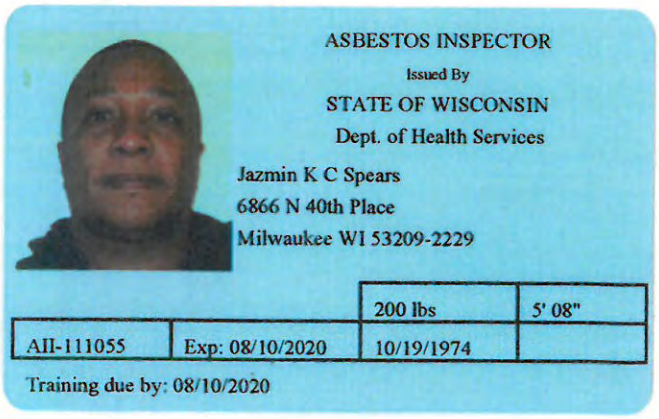
Asbestos Company -- Primary

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



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Jazmin K C Spears

6866 N 40th Place

Milwaukee WI 53209-2229

		200 lbs	5' 08"
AII-111055	Exp: 08/10/2020	10/19/1974	

Training due by: 08/10/2020

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
3060 North 26th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 19-400-037.3060
Inspector: Damian Rogowski
Contract No.: 360-19-0975

Prepared by:

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

July 2019

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
3060 North 26th Street
Milwaukee, Wisconsin

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

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

July 10, 2019

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

RE: Deconstruction Inspection Report
3060 North 26th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3060 North 26th 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 3060 North 26th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding, and 1st and 2nd floor floor tile and mastic sampled during the inspection. Asbestos was detected at less than 1% in 1st floor kitchen floor mastic. Asbestos was assumed to be in the roof flashing at the chimney. Results are in Section IV of this report.

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

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 2
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Lead Paint Inspection 6
A. Methods
B. Component Testing Results

VI. Exclusions 8

VII. Limitations 8

VIII. Pre-Demolition Environmental Checklist 9

IX. Asbestos Laboratory Results 13

X. Lead Laboratory Results 14

XI. Floor Plans 15

XII. HMG Certifications 16

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3060 North 26th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On June 27, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3060 North 26th Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Transite siding
- Tar paper
- Blown in insulation
- Window glazing compound
- Asphalt roofing
- Ceiling tile
- Floor tile
- Ceramic tile
- Drywall/joint compound
- Linoleum
- Texture
- 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. 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 US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	**Exterior – southwest wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – southeast wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – northeast wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
4	Exterior – southwest wall under transite siding – tar paper	Negative	MPT
5	Exterior – southeast wall under transite siding – tar paper	Negative	MPT
6	Exterior – northeast wall under transite siding – tar paper	Negative	MPT
7	Exterior – in southwest wall – blown in insulation	Negative	MBI
8	Exterior – in southeast wall – blown in insulation	Negative	MBI
9	Exterior – in northeast wall – blown in insulation	Negative	MBI
10	Exterior – on east window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – on south window – glazing compound	Negative	MPG
12	Exterior – on west window – glazing compound	Negative	MPG
13	Roof – southwest – gray asphalt shingle	Negative	MRSy
14	Roof – southwest – gray asphalt shingle	Negative	MRSy
15	Roof – southwest – gray asphalt shingle	Negative	MRSy
16	1st floor – living room – 2' x 4' ceiling tile	Negative	MSCT24
17	1st floor – dining room – 2' x 4' ceiling tile	Negative	MSCT24
18	1st floor – bedroom – 2' x 4' ceiling tile	Negative	MSCT24
19	1st floor – bedroom – on south wall under panel – brown mastic	Negative	MPMn
20	1st floor – bedroom – on east wall under panel – brown mastic	Negative	MPMn
21	1st floor – bedroom – on north wall under panel – brown mastic	Negative	MPMn
22	**1st floor – bedroom closet – 9" green floor tile/mastic**	**Positive 4% Chrysotile**	**MF9g**
23a	1st floor – bedroom north side – 12" white floor tile	Negative	MF12w
23b	**1st floor – bedroom north side – under 12" white floor tile – black mastic**	**Positive 4% Chrysotile**	**MF12w**
24a	1st floor – bedroom south side – 12" white floor tile	Negative	MF12w
24b	**1st floor – bedroom south side – under 12" white floor tile – black mastic**	**Positive 4% Chrysotile**	**MF12w**
25a	1st floor – bedroom west side – 12" white floor tile	Negative	MF12w
25b	**1st floor – bedroom west side – under 12" white floor tile – black mastic**	**Positive 4% Chrysotile**	**MF12w**
26a	1st floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
26b	1st floor – bathroom – on west wall – under white ceramic tile – brown mastic	Negative	MCTMw
27a	1st floor – bathroom – ceiling – drywall	Negative	MDW
27b	1st floor – bathroom – ceiling – joint compound	Negative	MDW
28	2nd floor – north closet – north wall – drywall	Negative	MDW
29a	2nd floor – southwest bedroom – north wall – drywall	Negative	MDW
29b	2nd floor – southwest bedroom – north wall – joint compound	Negative	MDW
30	1st floor – bathroom – on north wall – green mastic	Negative	MWMg
31a	1st floor – bathroom – 12" blue and white floor tile	Negative	MF12bw
31b	1st floor – bathroom – under 12" blue and white floor tile – tan mastic	Negative	MF12bw
32a	1st floor – kitchen top layer – brown linoleum	Negative	MFLn
32b	1st floor – kitchen top layer – under brown linoleum – tan mastic	Negative	MFLn
33a	1st floor – kitchen 2nd layer – yellow and red linoleum	Negative	MFLlr
33b	1st floor – kitchen 2nd layer – under yellow and red linoleum – tan mastic	Negative	MFLlr
34a	1st floor – kitchen 3rd layer – tan and red linoleum	Negative	MFLtr
34b	1st floor – kitchen 3rd layer – under tan and red linoleum – black mastic	Positive 2% Chrysotile	MFLtr
34b	POINT COUNT RESULT	Trace 0.5% Chrysotile	MFLtr
35a	1st floor – kitchen southwest top layer – 12" white and tan floor tile	Negative	MF12wt
35b	1st floor – kitchen southwest top layer – under 12" white and tan floor tile – tan mastic	Negative	MF12wt

Sample #	Location and Description	Results	Homogeneous Code
36a	1st floor – kitchen southwest 2nd layer – 12” white and green floor tile	Negative	MF12wg
36b	1st floor – kitchen southwest 2nd layer – under 12” white and green floor tile – tan mastic	Negative	MF12wg
37a	Basement – stair landing – 12” brown floor tile	Negative	MF12n
37b	Basement – stair landing – under 12” brown floor tile – tan mastic	Negative	MF12n
38a	2nd floor – stair lower landing – white and red linoleum	Negative	MFLwr
38b	2nd floor – stair lower landing – under white and red linoleum – tan mastic	Negative	MFLwr
39a	2nd floor – stair upper landing – 9” tan and gray floor tile	Negative	MF9ty
39b	2nd floor – stair upper landing – under 9” tan and gray floor tile – tan mastic	Negative	MF9ty
40a	2nd floor – family room northeast – 12” white/brown/tan floor tile	Negative	MF12wnt
40b	**2nd floor – family room northeast – under 12” white/brown/ tan floor tile – black mastic**	**Positive 5% Chrysotile**	**MF12wnt**
41a	2nd floor – family room center – 12” white/brown/tan floor tile	Negative	MF12wnt
41b	**2nd floor – family room center – under 12” white/brown/tan floor tile – black mastic**	**Positive 5% Chrysotile**	**MF12wnt**
42a	2nd floor – family room southwest – 12” white/brown/tan floor tile	Negative	MF12wnt
42b	**2nd floor – family room southwest – under 12” white/brown/ tan floor tile – black mastic**	**Positive 5% Chrysotile**	**MF12wnt**
43	2nd floor – bathroom – on ceiling northwest – texture	Negative	STX
44	2nd floor – bathroom – on ceiling center – texture	Negative	STX
45	2nd floor – bathroom – on ceiling southeast – texture	Negative	STX
46a	2nd floor – bathroom – 9” tan floor tile	Negative	MF9t
46b	2nd floor – bathroom – under 9” tan floor tile – black mastic	Negative	MF9t
47a	2nd floor – bathroom near south wall – tan linoleum	Negative	MFLt
47b	2nd floor – bathroom near south wall – under tan linoleum – tan mastic	Negative	MFLt
48a	**2nd floor – northwest bedroom – 12” tan floor tile**	**Positive 2% Chrysotile**	**MF12t**
48b	**2nd floor – northwest bedroom – under 12” tan floor tile – black mastic**	**Positive 4% Chrysotile**	**MF12t**
49a	**2nd floor – southwest bedroom – 12” brown and tan floor tile**	**Positive 2% Chrysotile**	**MF12nt**
49b	**2nd floor – southwest bedroom – under 12” brown and tan floor tile – black mastic**	**Positive 4% Chrysotile**	**MF12nt**
50a	2nd floor – northwest bedroom – south wall – plaster base coat	Negative	SPl
50b	2nd floor – northwest bedroom – south wall – plaster skim coat	Negative	SPl
51a	2nd floor – stair – north wall – plaster base coat	Negative	SPl
51b	2nd floor – stair – north wall – plaster skim coat	Negative	SPl
52a	2nd floor – south closet – east wall – plaster base coat	Negative	SPl
52b	2nd floor – south closet – east wall – plaster skim coat	Negative	SPl
53a	1st floor – kitchen – west wall – plaster base coat	Negative	SPl
53b	1st floor – kitchen – west wall – plaster skim coat	Negative	SPl
54a	1st floor – living room – east wall – plaster base coat	Negative	SPl
54b	1st floor – living room – east wall – plaster skim coat	Negative	SPl

Six (6) 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	1,300 SF	Category II Non-Friable
9" Green Floor Tile/Mastic	MF9g	1st Floor Bedroom Closet 2nd Floor North Closet	30 SF	Category I Non-Friable
Black Mastic Under 12" White Floor Tile	MF12w	1st Floor Bedroom	200 SF	Category I Non-Friable
Black Mastic Under 12" White/Brown/Tan Floor Tile	MF12wnt	2nd Floor Family Room, Hall, & South Closet	390 SF	Category I Non-Friable
12" Tan Floor Tile & Black Mastic	MF12t	2nd Floor Northwest Bedroom	130 SF	Category I Non-Friable
12" Brown & Tan Floor Tile & Black Mastic	MF12nt	2nd Floor Southwest Bedroom	130 SF	Category I Non-Friable

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Black Mastic Under Tan & Red Linoleum	MFLtr	1st Floor Kitchen 3rd Layer	120 SF	Category II Non-Friable

Assumed Asbestos Containing Materials

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

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

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

Note#2: The black mastic under the tan and red linoleum 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 black mastic under the tan and red linoleum 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
MTP	Transite
MPT	Tar Paper
MPG	Window Glazing Compound
MBI	Blown in Insulation
MRSy	Gray Asphalt Shingle
MSCT24	2' x 4' Ceiling Tile
MPMn	Brown Wall Panel Mastic
MF9g	9" Green Floor Tile
MF9ty	9" Tan & Gray Floor Tile
MF9t	9" Tan Floor Tile
MF12w	12" White Floor Tile
MF12bw	12" Blue & White Floor Tile
MF12tw	12" Tan & White Floor Tile
MF12wg	12" White & Green Floor Tile
MF12n	12" Brown Floor Tile
MF12wnt	12" White/Tan/Brown Floor Tile
MF12t	12" Tan Floor Tile
MF12nt	12" Brown & Tan Floor Tile
MCTMw	White Ceramic Tile
MDW	Drywall/Joint Compound
MWMg	Green Wall Mastic
MFLn	Brown Linoleum
MFLlr	Yellow & Red Linoleum
MFLtr	Tan & Red Linoleum
MFLwr	White & Red Linoleum
MFLt	Tan Linoleum

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 3060 North 26th Street, Milwaukee, Wisconsin, took place on June 27, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 3060 North 26th Street, Milwaukee, Wisconsin

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

Exterior: 3060 North 26th Street, Milwaukee, Wisconsin

- **Painted brick and concrete were observed on the exterior basement walls and front porch. Lead based paint was not detected.**

The following are the laboratory results.

Site: 3060 North 26th Street, Milwaukee, Wisconsin **Date: 6/27/19**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	South Wall	Brick	Black	0.0102
P02	Exterior	Front Porch	Concrete	Gray	0.0118

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

Basement stair damaged and unsafe – basement not accessible. Attic floor buried in 2 feet debris and only partially accessible. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

IX. 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 #: 323757

Received 07/01/19
Analyzed 07/03/19
Reported 07/05/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-001	06/27/19	1	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
323757-002	06/27/19	2	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
323757-003	06/27/19	3	Wisconsin		
Layer 1: Transite Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
323757-004	06/27/19	4	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
323757-005	06/27/19	5	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
323757-006	06/27/19	6	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
323757-007	06/27/19	7	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
323757-008	06/27/19	8	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: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-009	06/27/19	9	Wisconsin		
Layer 1: Insulation				None Detected	65% CELLULOSE FIBER
Beige, Fibrous					15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
323757-010	06/27/19	10	Wisconsin		
Layer 1: Granular Material				None Detected	100% NON FIBROUS MATERIAL
Beige, Granular					
323757-011	06/27/19	11	Wisconsin		
Layer 1: Granular Material				None Detected	100% NON FIBROUS MATERIAL
Beige, Granular					
323757-012	06/27/19	12	Wisconsin		
Layer 1: Granular Material				None Detected	100% NON FIBROUS MATERIAL
Beige, Granular					
323757-013	06/27/19	13	Wisconsin		
Layer 1: Roof Shingle				None Detected	5% CELLULOSE FIBER
Black/White, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
323757-014	06/27/19	14	Wisconsin		
Layer 1: Roof Shingle				None Detected	5% CELLULOSE FIBER
Black/White, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
323757-015	06/27/19	15	Wisconsin		
Layer 1: Roof Shingle				None Detected	5% CELLULOSE FIBER
Black/White, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
323757-016	06/27/19	16	Wisconsin		
Layer 1: Ceiling Tile				None Detected	40% CELLULOSE FIBER
Beige, Fibrous					40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
323757-017	06/27/19	17	Wisconsin		
Layer 1: Ceiling Tile				None Detected	40% CELLULOSE FIBER
Beige, Fibrous					40% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
323757-018	06/27/19	18	Wisconsin		
Layer 1: Soft Material				None Detected	100% NON FIBROUS MATERIAL
Beige, Soft					

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

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-019	06/27/19	19	Wisconsin		
Layer 1: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-020	06/27/19	20	Wisconsin		
Layer 1: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-021	06/27/19	21	Wisconsin		
Layer 1: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-022	06/27/19	22	Wisconsin		
Layer 1: Floor Tile/Mastic Green/Black, Org.Bound/Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Unable to separate individual layers.					
323757-023	06/27/19	23	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
323757-024	06/27/19	24	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
323757-025	06/27/19	25	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
323757-026	06/27/19	26	Wisconsin			
Layer 1: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100%	NON FIBROUS MATERIAL
323757-027	06/27/19	27	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	5% 95%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-028	06/27/19	28	Wisconsin			
Layer 1: Drywall White, Powdery One Layer Found.				None Detected	5% 95%	CELLULOSE FIBER NON FIBROUS MATERIAL
323757-029	06/27/19	29	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	5% 95%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-030	06/27/19	30	Wisconsin			
Layer 1: Soft Material Green, Soft				None Detected	100%	NON FIBROUS MATERIAL
323757-031	06/27/19	31	Wisconsin			
Layer 1: Floor Tile Gray, Organically Bound				None Detected	100%	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: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-032	06/27/19	32	Wisconsin		
Layer 1: Flooring Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-033	06/27/19	33	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-034	06/27/19	34	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
323757-035	06/27/19	35	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-036	06/27/19	36	Wisconsin		
Layer 1: Floor Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
323757-037	06/27/19	37	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% 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: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-038	06/27/19	38	Wisconsin		
Layer 1: Flooring				None Detected	35% CELLULOSE FIBER
Beige/Black, 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					
323757-039	06/27/19	39	Wisconsin		
Layer 1: Flooring				None Detected	35% CELLULOSE FIBER
Beige/Black, 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					
323757-040	06/27/19	40	Wisconsin		
Layer 1: Floor Tile				None Detected	100% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastic				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Black, Bituminous					
323757-041	06/27/19	41	Wisconsin		
Layer 1: Floor Tile				None Detected	100% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastic				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Black, Bituminous					
323757-042	06/27/19	42	Wisconsin		
Layer 1: Floor Tile				None Detected	100% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastic				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Black, Bituminous					
323757-043	06/27/19	43	Wisconsin		
Layer 1: Textured Material				None Detected	2% CELLULOSE FIBER
White, Granular					98% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
323757-044	06/27/19	44	Wisconsin		
Layer 1: Textured Material				None Detected	2% CELLULOSE FIBER
White, Granular					98% NON FIBROUS MATERIAL
323757-045	06/27/19	45	Wisconsin		
Layer 1: Textured Material				None Detected	2% CELLULOSE FIBER
White, Granular					98% NON FIBROUS MATERIAL
323757-046	06/27/19	46	Wisconsin		
Layer 1: Floor Tile				None Detected	100% NON FIBROUS MATERIAL
Beige, Organically Bound					
Layer 2: Mastic				None Detected	2% CELLULOSE FIBER
Black, Bituminous					98% NON FIBROUS MATERIAL
323757-047	06/27/19	47	Wisconsin		
Layer 1: Flooring				None Detected	35% CELLULOSE FIBER
Beige, 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	2% CELLULOSE FIBER
Tan, Soft					98% NON FIBROUS MATERIAL
323757-048	06/27/19	48	Wisconsin		
Layer 1: Floor Tile				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Off White, Organically Bound					
Layer 2: Mastic				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Black, Bituminous					
323757-049	06/27/19	49	Wisconsin		
Layer 1: Floor Tile				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Light Brown, Organically Bound					
Layer 2: Mastic				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Black, Bituminous					

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

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
323757-050	06/27/19	50	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-051	06/27/19	51	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-052	06/27/19	52	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-053	06/27/19	53	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
323757-054	06/27/19	54	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 81

323757-07/05/19 12:01 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**
QAQC Director

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

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323757 X 54
V:\323\323757
fghraizi 7/1/2019 9:5 9:53 AM
UPS 1Z2E2899846 1981434

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	19-400-037.3060				
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]
1	6/27/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

[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 6/28/19 7:00

! 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	19-400-037.3060				
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]
11	6/28/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

[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: [signature] Date/Time 6/28/19 12:00

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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	19-400-037.3060				
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]
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

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

[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: [signature] Date/Time 6/28/19 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	19-400-037.3060				
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]
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

[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: [signature] Date/Time 6/28/19 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	19-400-037.3060				
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]
41									
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 6/28/19 1200

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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	19-400-037.3060				
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]
S1	6/27/19								
S2	↓								
S3									
S4									

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: [signature] Date/Time 6/28/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Order #: 324607

Received 07/08/19
Analyzed 07/08/19
Reported 07/09/19

Project:
Location: Wisconsin
Number: 19-400-037.3060

Method: EPA 600/R-93/116 & 600/M4-82-020 with Point Count

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324607-001	06/27/19	34	Wisconsin		
Layer 1: Mastic Black, Bituminous, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

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

324607-07/09/19 08:51 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

324607 S 1

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vthrasher 7/8/2019 9:05:00 AM

Hand Delivered

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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:** Order 323757			
Project Number	19-400-037.3060				
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]
34	6/27/19		Mastic						

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: Dean Jacobsen Date/Time 7/8/19 7:40

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X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.3060

Order #: 323755

Matrix Paint
Received 07/01/19
Analyzed 07/01/19
Reported 07/02/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
323755-001	P01	Wisconsin	06/27/19	199 mg			
Lead		EPA 7000B		20.3 µg	0.0102 %	102 mg/kg	50.3 mg/kg
		Sample weight below method guidelines.					
323755-002	P02	Wisconsin	06/27/19	237 mg			
Lead		EPA 7000B		27.9 µg	0.0118 %	118 mg/kg	42.2 mg/kg

Analyst: MKS
323755-07/02/19 08:23 AM

Reviewed By: **Jennifer Lee**
Manager

Federal Lead Paint Statute

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

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

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fghraizi 7/1/2019 9:5 9:53 AM
UPS 1Z2E2899846 1981434

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	19-400-037.3060				
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]
P01	6/27/19								
P02	↓								

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]

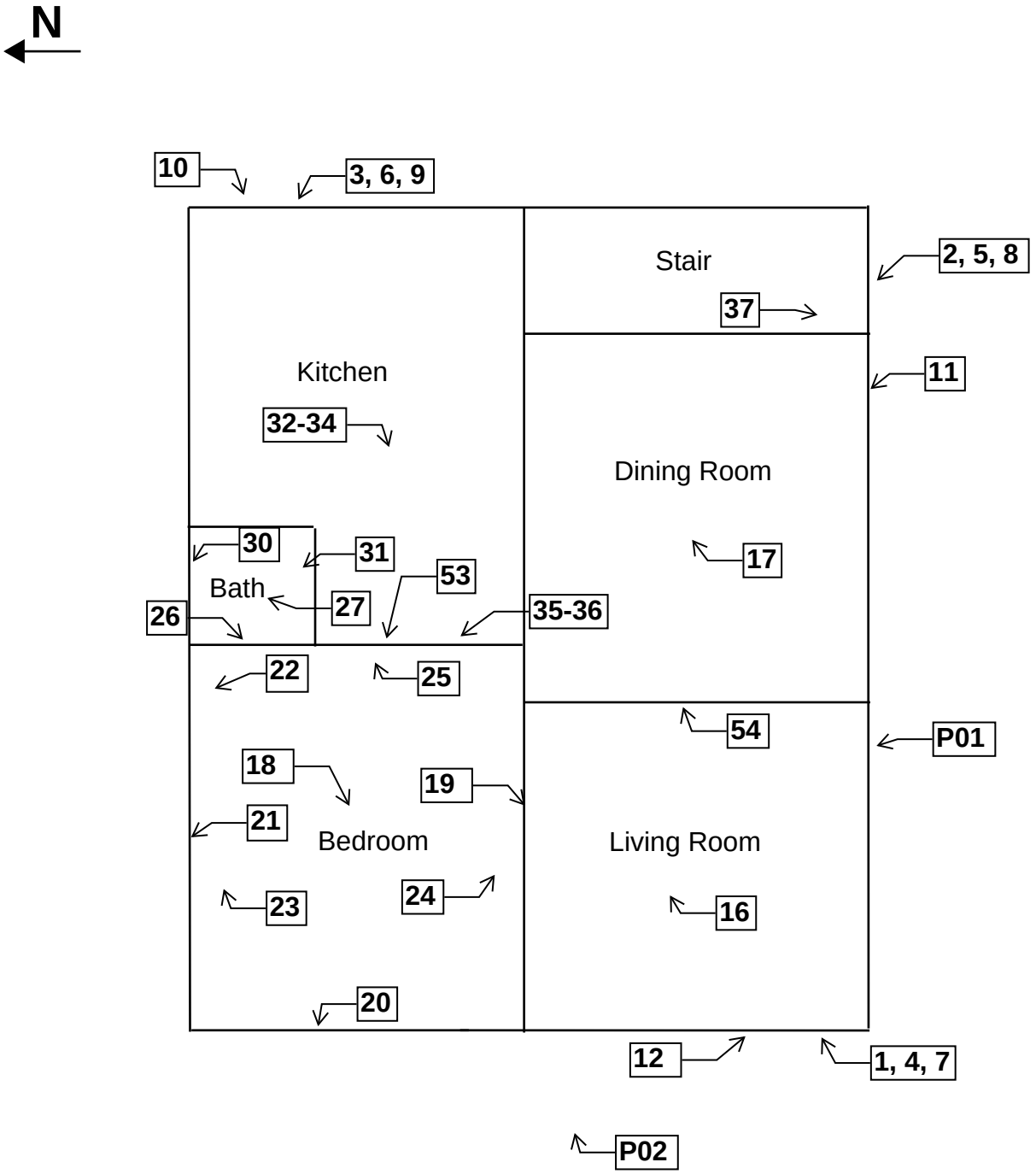
Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 6/28/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

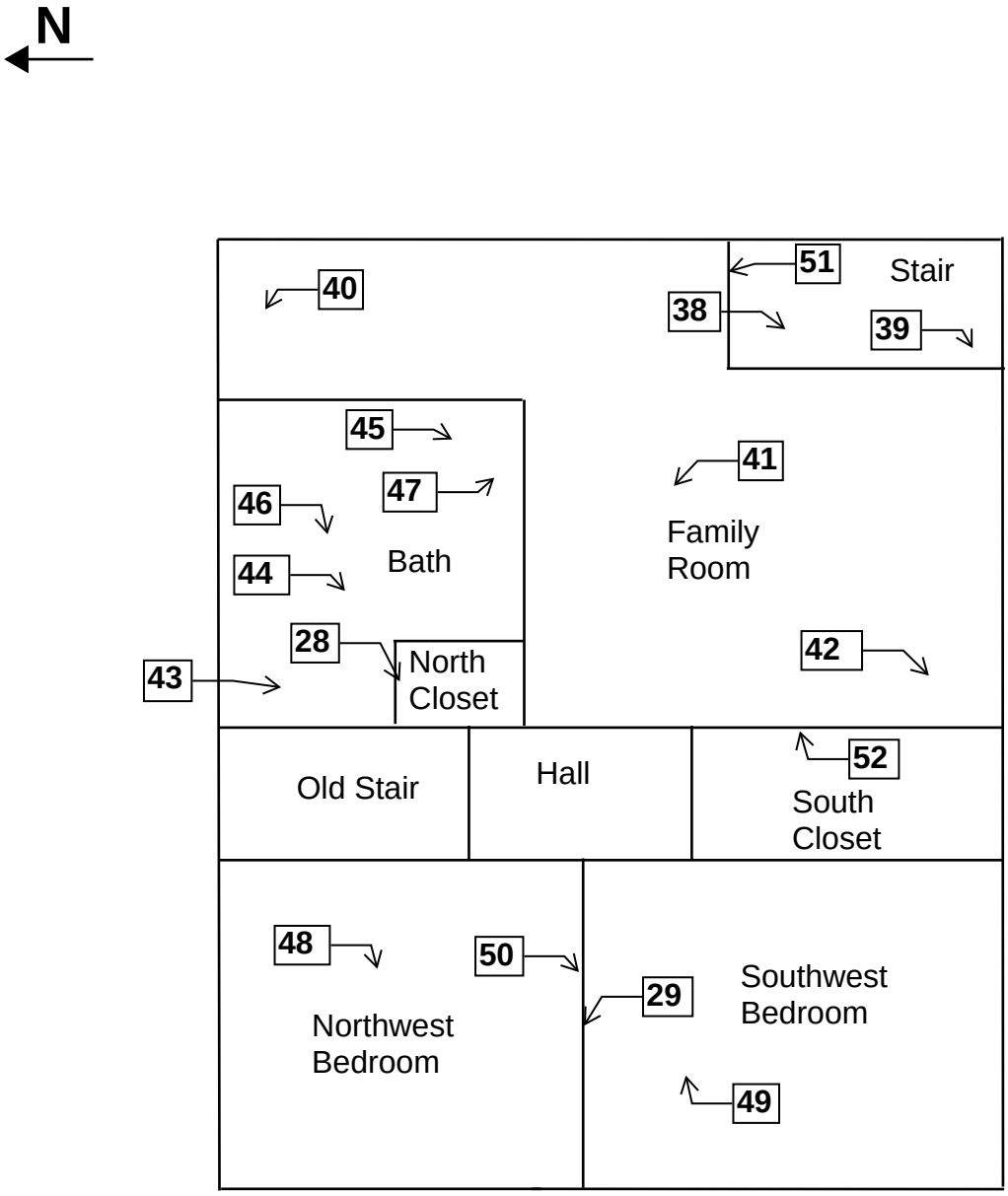
Two Family Dwelling
3060 North 26th Street
Milwaukee, Wisconsin

1st Floor Plan



Two Family Dwelling
3060 North 26th Street
Milwaukee, Wisconsin

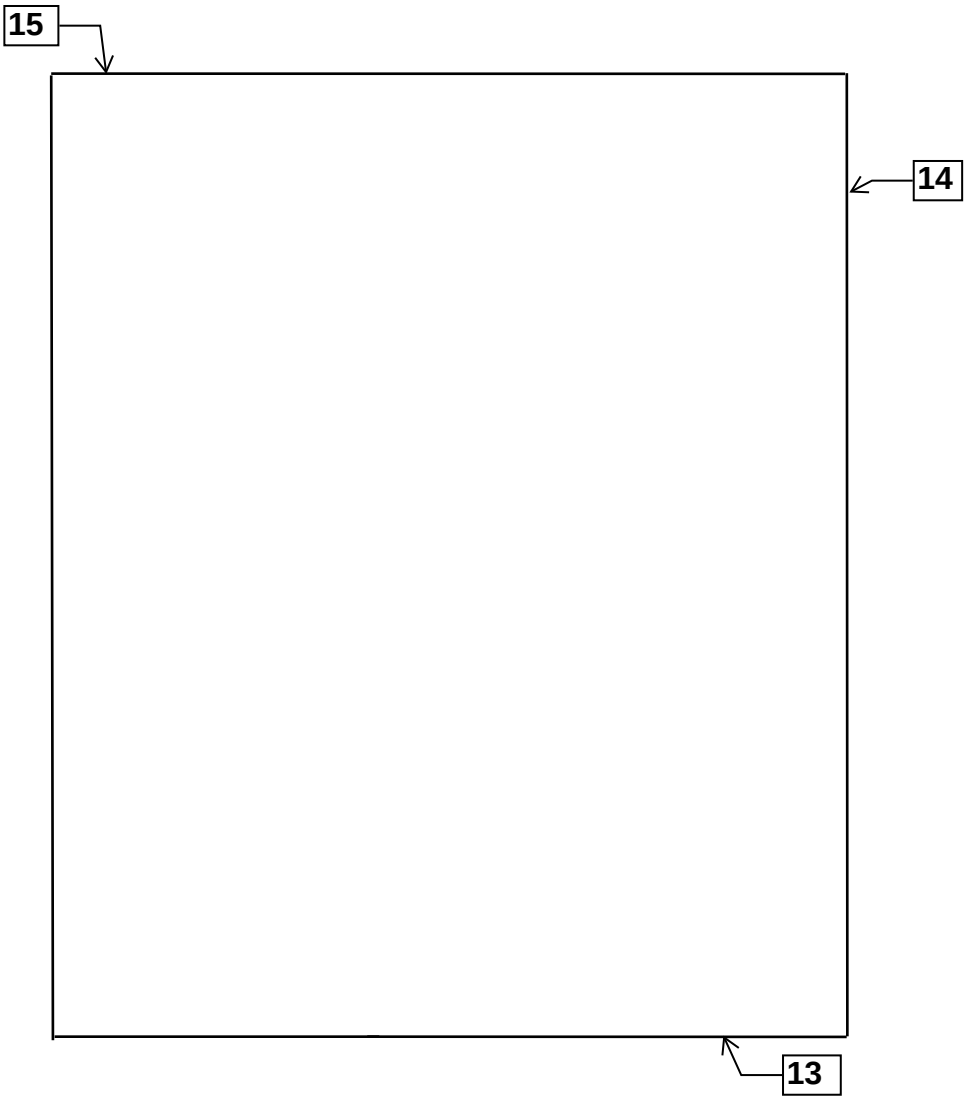
2nd Floor Plan



Two Family Dwelling
3060 North 26th 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,
Unit Supervisor

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH
1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

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

February 5, 2019

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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 pr
professional responsibility. Contact us if you h
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

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
One Family Dwelling
2402 North 28th 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.: 19-400-037.2402
Inspector: Cecil Trawick
Contract No.: 360-19-0975

Prepared by:

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

April 2019

Signature Page
Pre-Demolition Inspection Report
Two Family Dwelling
2402 North 28th Street
Milwaukee, Wisconsin

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

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

May 1, 2019

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

RE: Pre-Demolition Inspection Report
2402 North 28th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the one family dwelling at 2402 North 28th 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 2402 North 28th 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 in any material sampled during the inspection. Asbestos was assumed to be in the asphalt roofing. Results are in Section IV of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the one family dwelling at 2402 North 28th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with brick walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On April 19, 2019, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 2402 North 28th Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Window glazing compound
- Ceramic tile
- Flue packing
- Plaster
- Drywall/joint compound
- Asphalt roofing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 Appendix A.

Sample #	Location and Description	Results	Homogeneous Code
1	1st floor – dining room – on south window – glazing compound	Negative	MPG
2	2nd floor – southeast bedroom – on south window – glazing compound	Negative	MPG
3	2nd floor – northwest bedroom – on west window – glazing compound	Negative	MPG
4a	1st floor – hall floor – tan ceramic tile	Negative	MCTMt
4b	1st floor – hall floor – under tan ceramic tile – mortar	Negative	MCTMt
5a	1st floor – kitchen floor – tan ceramic tile	Negative	MCTMt
5b	1st floor – kitchen floor – under tan ceramic tile – mortar	Negative	MCTMt
6a	2nd floor – bathroom floor – tan ceramic tile	Negative	MCTMt
6b	2nd floor – bathroom floor – under tan ceramic tile – mortar	Negative	MCTMt
7a	1st floor – kitchen – on west wall – white ceramic tile	Negative	MCTMw
7b	1st floor – kitchen – on west wall – under white ceramic tile – brown mastic	Negative	MCTMw
8a	1st floor – bathroom – on south wall – white ceramic tile	Negative	MCTMw
8b	1st floor – bathroom – on south wall – under white ceramic tile – brown mastic	Negative	MCTMw
9a	2nd floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
9b	2nd floor – bathroom – on west wall – under white ceramic tile – brown mastic	Negative	MCTMw
10	Basement – on chimney – flue packing	Negative	TFP
11	1st floor – front entry – north wall – drywall	Negative	MDW
12a	1st floor – northwest bedroom – south wall – drywall	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
12b	1st floor – northwest bedroom – south wall – joint compound	Negative	MDW
13a	2nd floor – southeast bedroom – west wall – drywall	Negative	MDW
13b	2nd floor – southeast bedroom – west wall – joint compound	Negative	MDW
14	1st floor – living room – south wall – plaster	Negative	SPl
15	1st floor – northwest bedroom – east wall – plaster	Negative	SPl
16	1st floor – kitchen – east wall – plaster	Negative	SPl
17	1st floor – dining room – south wall – plaster	Negative	SPl
18	2nd floor – hall – south wall – plaster	Negative	SPl
19	2nd floor – northwest bedroom – west wall – plaster	Negative	SPl
20	2nd floor – middle hall – north wall – plaster	Negative	SPl

None of the materials sampled contain asbestos.

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	House Roof	1,400 SF	Fair

Note #1: Asphalt roofing is a category I non friable asbestos containing material and was not friable. Under NR 447 it does not currently meet the definition of regulated asbestos containing material (RACM) and need not be removed before demolition if the demolition debris does not become RACM and will be disposed at a Wisconsin licensed landfill.

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

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

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

Homogeneous Material Codes

SPl	Plaster
MPG	Window Glazing Compound
MCTMt	Tan Ceramic Tile
MCTMw	White Ceramic Tile
MDW	Drywall/Joint Compound
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

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 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

Order #: 312380

Received 04/25/19
Analyzed 04/30/19
Reported 04/30/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2402

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
312380-001	04/19/19	1	Wisconsin			
Layer 1: Glazing				None Detected	100%	NON FIBROUS MATERIAL
312380-002	04/19/19	2	Wisconsin			
Layer 1: Glazing Off White, Granular				None Detected	100%	NON FIBROUS MATERIAL
312380-003	04/19/19	3	Wisconsin			
Layer 1: Glazing				None Detected	100%	NON FIBROUS MATERIAL
312380-004	04/19/19	4	Wisconsin			
Layer 1: Ceramic Tile				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Thin Set White, Granular				None Detected	100%	NON FIBROUS MATERIAL
312380-005	04/19/19	5	Wisconsin			
Layer 1: Ceramic Tile Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Thin Set White, Granular				None Detected	100%	NON FIBROUS MATERIAL
312380-006	04/19/19	6	Wisconsin			
Layer 1: Ceramic Tile Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Thin Set White, Granular				None Detected	100%	NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2402

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
312380-007	04/19/19	7	Wisconsin			
Layer 1: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic				None Detected	100%	NON FIBROUS MATERIAL
312380-008	04/19/19	8	Wisconsin			
Layer 1: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100%	NON FIBROUS MATERIAL
312380-009	04/19/19	9	Wisconsin			
Layer 1: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100%	NON FIBROUS MATERIAL
312380-010	04/19/19	10	Wisconsin			
Layer 1: Granular Material Brown, Granular				None Detected	100%	NON FIBROUS MATERIAL
312380-011	04/19/19	11	Wisconsin			
Layer 1: Drywall White, Powdery No joint compound found.				None Detected	15% 85%	CELLULOSE FIBER NON FIBROUS MATERIAL
312380-012	04/19/19	12	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	10% 90%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100%	NON FIBROUS MATERIAL
312380-013	04/19/19	13	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	10% 90%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100%	NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2402

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
312380-014	04/19/19	14	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-015	04/19/19	15	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-016	04/19/19	16	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-017	04/19/19	17	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-018	04/19/19	18	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-019	04/19/19	19	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
312380-020	04/19/19	20	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 28

312380-04/30/19 02:06 PM

Analyst **Hind Eldanaf**

Reviewed By: **Irma Faszewski**
QAQC Director

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

SCHNEIDER LABORATORIES GLOBAL, INC.

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

312380 X 20
V:\312\312380
fghraizi 4/25/2019 9:45:29 AM
UPS 1Z2E2899846 2275362

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	19-400-037.2402				
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]
1	4/19/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

[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: [signature] Date/Time 4/24/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ 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	19-400-037.2402				
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]
11	4/9/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

[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]

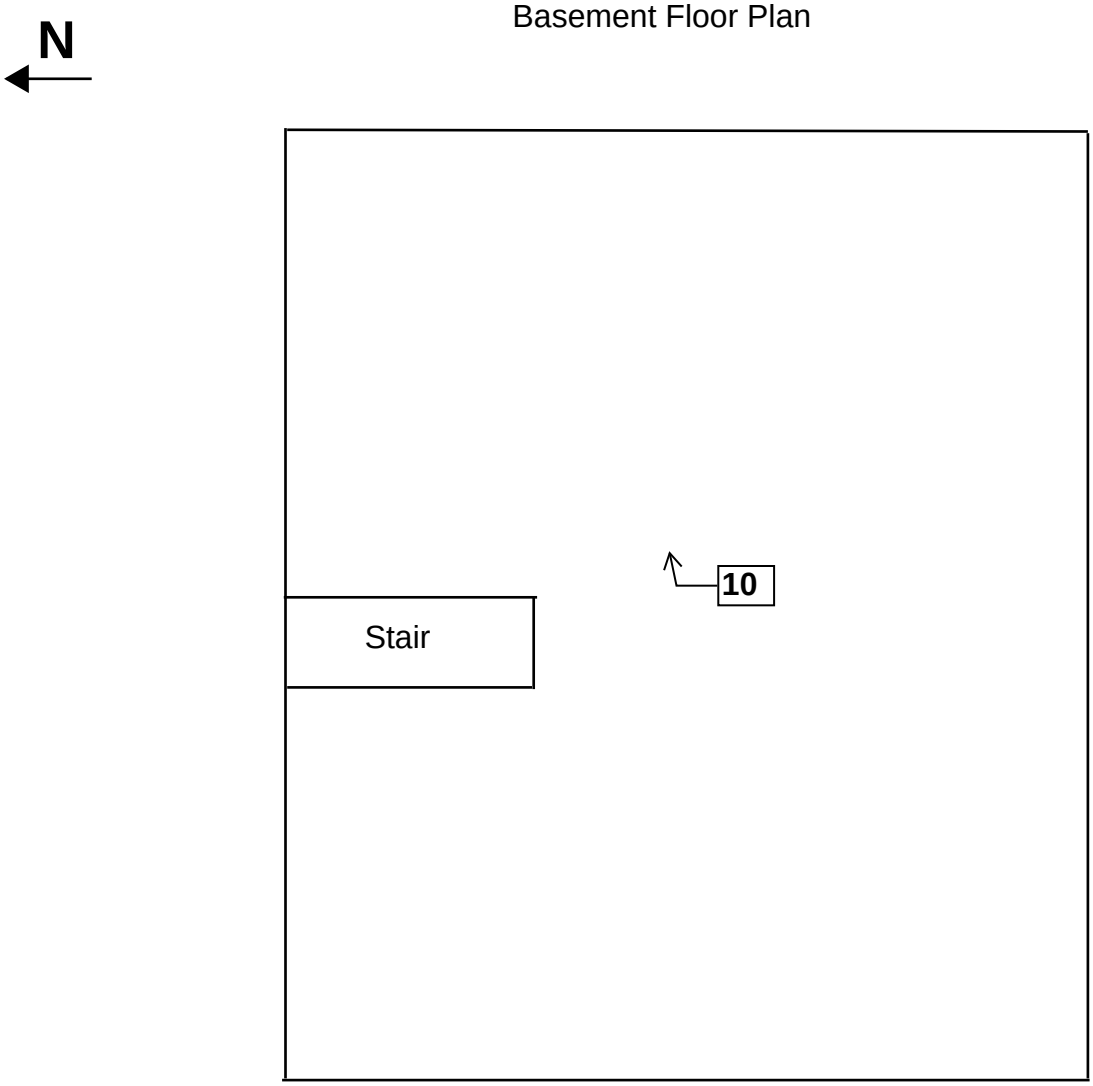
Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 4/24/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

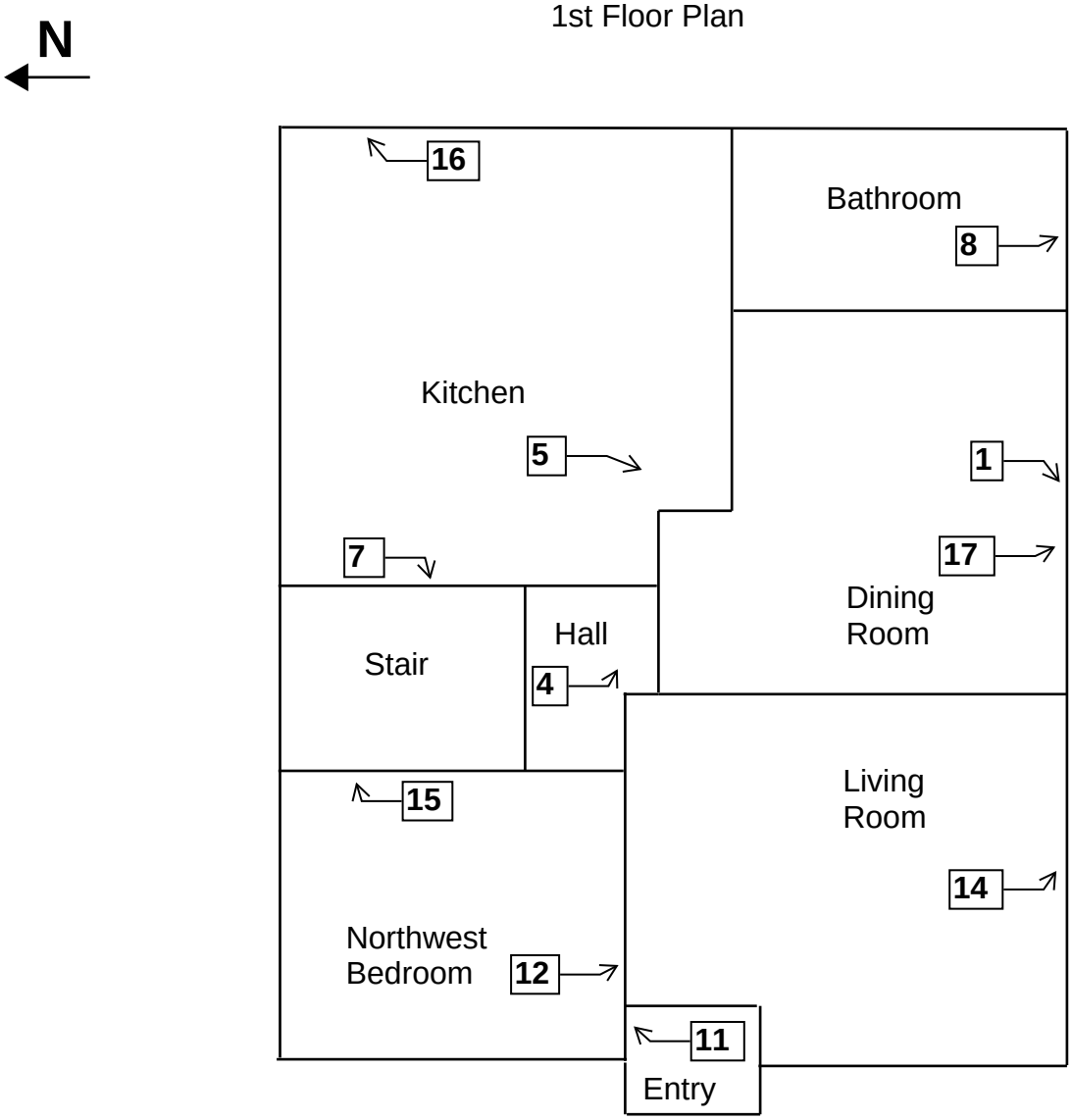
One Family Dwelling
2402 North 28th Street
Milwaukee, Wisconsin

Basement Floor Plan



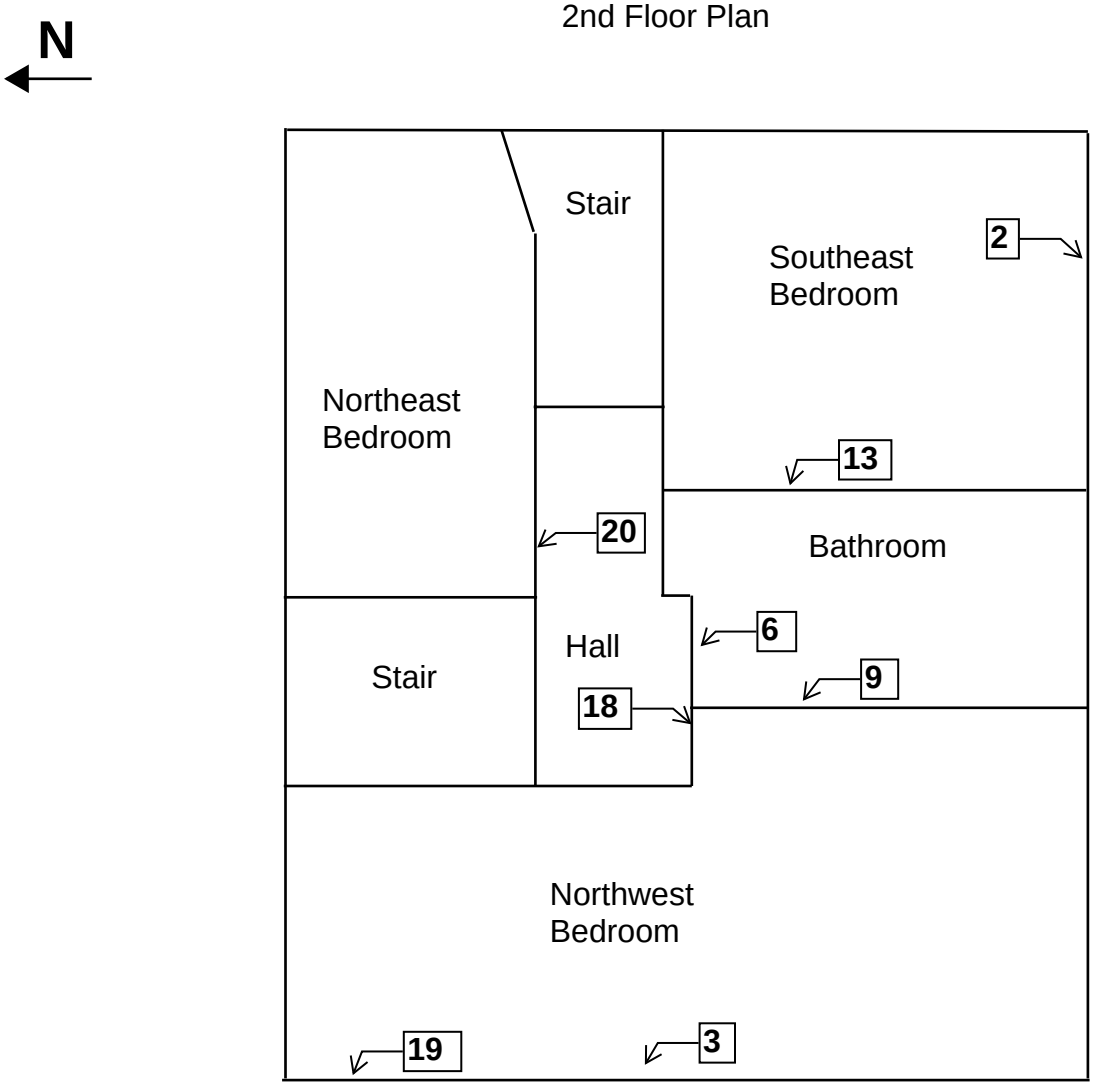
One Family Dwelling
2402 North 28th Street
Milwaukee, Wisconsin

1st Floor Plan



One Family Dwelling
2402 North 28th Street
Milwaukee, Wisconsin

2nd Floor Plan



X. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 06/23/2017
Expiration Date: 08/31/2019, 12:01 a.m.
Certification #: CAP-480540

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

Shelley A Bruce,
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

August 27, 2018

CECIL JAMES TRAWICK JR
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Dwelling
2652 North 28th 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.: 18-400-024.2652
Inspector: Damian Rogowski
Contract No.: 360-18-0975

Prepared by:

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

December 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
2652 North 28th Street
Milwaukee, Wisconsin

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

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

December 6, 2018

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

RE: Deconstruction Inspection Report
2652 North 28th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2652 North 28th 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 2652 North 28th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior transite siding, exterior caulk, basement duct wrap, basement flue packing, and 1st & 2nd floor linoleum sampled during the inspection. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 2652 North 28th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl, transite, and wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 27, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 2652 North 28th Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Transite siding
- Tar paper
- Caulk
- Glazing compound
- Paper insulation
- Stucco
- Drywall/joint compound
- Linoleum
- Floor tile
- Plaster
- Duct wrap
- Flue packing

- Asphalt roofing
- Roof flashing
- Blown in insulation
- Fiberboard
- 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	**Exterior – west wall under vinyl siding – transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – north wall under vinyl siding – transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – south wall under vinyl siding – transite siding**	**Positive 20% Chrysotile**	**MTP**
4	Exterior – west wall under transite siding – tar paper	Negative	MPT
5	Exterior – north wall under transite siding – tar paper	Negative	MPT
6	Exterior – south wall under transite siding – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
7	**Exterior – on west window – white caulk**	**Positive 5% Chrysotile**	**MCLKw**
8	**Exterior – on north window – white caulk**	**Positive 8% Chrysotile**	**MCLKw**
9	**Exterior – on south window – white caulk**	**Positive 8% Chrysotile**	**MCLKw**
10	**Exterior – on basement window – glazing compound**	**Positive 5% Chrysotile**	**MPG**
11	Exterior – west wall under wood siding – red paper insulation	Negative	MPIr
12	Exterior – north wall under wood siding – red paper insulation	Negative	MPIr
13	Exterior – south wall under wood siding – red paper insulation	Negative	MPIr
14	Exterior – on southeast basement wall – stucco	Negative	STC
15a	Exterior – on southwest basement wall – stucco base coat	Negative	STC
15b	Exterior – on southwest basement wall – stucco skim coat	Negative	STC
16	Exterior – on northwest basement wall – stucco	Negative	STC
17a	1st floor – room 100 – south wall – joint compound	Negative	MDW
17b	1st floor – room 100 – south wall – drywall	Negative	MDW
18a	Basement – room 100 – south wall – joint compound	Negative	MDW
18b	Basement – south wall – drywall	Negative	MDW
19	2nd floor – room 200 – west wall – drywall	Negative	MDW
20a	1st floor – room 103 top layer – yellow and tan linoleum	Negative	MFLlt
20b	1st floor – room 103 top layer – under yellow and tan linoleum – yellow mastic	Negative	MFLlt
20c	1st floor – room 103 2nd layer – 12” brown and beige floor tile	Negative	MF12ne
20d	1st floor – room 103 2nd layer – under 12” brown and beige floor tile – yellow mastic	Negative	MF12ne
20e	1st floor – room 103 3rd layer – cream linoleum	Negative	MFLc
20f	1st floor – room 103 3rd layer – under cream linoleum – yellow mastic	Negative	MFLc
20g	**1st floor – room 103 4th layer – green linoleum**	**Positive 25% Chrysotile**	**MFLg**
21a	1st floor – room 104 – northeast top layer – 12” brown floor tile	Negative	MF12n
21b	1st floor – room 104 – northeast top layer – under 12” brown floor tile – yellow mastic	Negative	MF12n
21c	**1st floor – room 104 – northeast 2nd layer – green linoleum**	**Positive 25% Chrysotile**	**MFLg**
22a	1st floor – room 104 – south top layer – 12” brown floor tile	Negative	MF12n
22b	1st floor – room 104 – south top layer – under 12” brown floor tile – yellow mastic	Negative	MF12n
22c	**1st floor – room 104 – south 2nd layer – green linoleum**	**Positive 25% Chrysotile**	**MFLg**
23a	1st floor – room 104 – northwest top layer – 12” brown floor tile	Negative	MF12n
23b	1st floor – room 104 – northwest top layer – under 12” brown floor tile – yellow mastic	Negative	MF12n
23c	**1st floor – room 104 – northwest 2nd layer – green linoleum**	**Positive 25% Chrysotile**	**MFLg**
24a	1st floor – room 105 – north wall – plaster skim coat	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
24b	1st floor – room 105 – north wall – plaster base coat	Negative	SPl
25a	2nd floor – room 201 – south wall – joint compound layer	Negative	SPl
25b	1st floor – room 201 – south wall – plaster skim coat	Negative	SPl
25c	1st floor – room 201 – south wall – plaster base coat	Negative	SPl
26	1st floor – room 204 – south wall – plaster	Negative	SPl
27	**Basement – on duct west of chimney – duct wrap**	**Positive 60% Chrysotile**	**TDW**
28	**Basement – on chimney – flue packing**	**Positive 30% Chrysotile**	**TFP**
29	Roof – north center – tar flashing	Negative	MRF
30	Roof – southwest – red asphalt shingle	Negative	MRSr
31	Roof – northwest – red asphalt shingle	Negative	MRSr
32	Roof – north – red asphalt shingle	Negative	MRSr
33a	2nd floor – room 203 top layer – beige linoleum	Negative	MFLe
33b	2nd floor – room 203 top layer – under beige linoleum – yellow mastic	Negative	MFLe
33c	**2nd floor – room 203 2nd layer – yellow linoleum**	**Positive 25% Chrysotile**	**MFLl**
34	Attic – north side on floor – blown in insulation	Negative	MBI
35	Attic – east side on floor – blown in insulation	Negative	MBI
36	Attic – west side on floor – blown in insulation	Negative	MBI
37	2nd floor – room 103 – on south wall – brown mastic	Negative	MWMn
38	2nd floor – room 204 – on south wall – fiberboard	Negative	MFB

Seven (7) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls Under Vinyl Siding	1,800 SF	Good
White Caulk	MCLKw	Exterior on 1st & 2nd Floor Windows	25 Windows	Good
Window Glazing Compound	MPG	Basement Windows	6 Windows	Good
Green Linoleum	MFLg	1st Floor Room 103 4th Layer, Room 104 2nd Layer	230 SF	Good
Yellow Linoleum	MFLl	2nd Floor Room 203 2nd Layer	45 SF	Good
Duct Wrap	TDW	Basement Duct West of Chimney	4 SF	Poor
Flue Packing	TFP	Basement on Chimney	2 SF	Poor

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
MTP	Transite
MPT	Tar Paper
MCLKw	White Caulk
MPG	Glazing Compound
MPIr	Red Paper Insulation
MDW	Drywall/Joint Compound
MFLlt	Yellow & Tan Linoleum
MFLc	Cream Linoleum
MFLg	Green Linoleum
MFLl	Yellow Linoleum
MFLe	Beige Linoleum
MF12ne	12" Brown & Beige Floor Tile
MF12n	12" Brown Floor Tile
MRSr	Red Asphalt Shingle
MRF	Roof Flashing
MBI	Blown in Insulation
MFB	Fiberboard
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2652 North 28th Street, Milwaukee, Wisconsin, took place on September 27, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 2652 North 28th Street, Milwaukee, Wisconsin

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

Exterior: 2652 North 28th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2652 North 28th Street, Milwaukee, Wisconsin Date: 9/27/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Basement	Northwest Wall	Brick	Gray	0.0159
P02	Basement	Northwest Wall	Brick	White	0.00669

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)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A 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

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3 Paint
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3 Paint
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3 Paint
004	4	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
005	5	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
006	6	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose 30	Tar Sand
007	7	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3 Binder

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
009	9	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
010	10	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
011	11	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
012	12	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
013	13	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
015	15	Layered	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
015a		Layered	Light Gray Concrete	Asbestos Not Present	Wollastonite 25	Gypsum
016	16	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
017	17	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
017a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Gypsum
018	18	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15 Glass Fiber 5	Gypsum

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
019	19	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	20 5	Gypsum
020	20	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
020a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
020b		Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
020c		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
020d		Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020e		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
020f		Layered	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
021	21	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
021a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
021b		Layered	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
022	22	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022b		Layered	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
023	23	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
023a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
023b		Layered	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
024	24	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
024a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
025b		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
026	26	Homogeneous	White Plaster	Asbestos Not Present	Cellulose 3	Gypsum Perlite
027	27	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
028	28	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 30	Glass Fiber 10	CaCO3 Gypsum Sand
029	29	Homogeneous	Black Tar	Asbestos Not Present	Cellulose 35	Tar

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	30	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
031	31	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
032	32	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
033	33	Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
033a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033b		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300144
Account Number: B929
Date Received: 10/01/2018
Received By: Lisa Guthrie
Date Analyzed: 10/15/2018
Analyzed By: Dee Ammerman
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: 18-400-024.2652

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
034	34	Homogeneous	White Insulation	Asbestos Not Present	Glass Fiber	100	
035	35	Homogeneous	White Insulation	Asbestos Not Present	Glass Fiber	100	
036	36	Homogeneous	White Insulation	Asbestos Not Present	Glass Fiber	100	
037	37	Layered	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
037a		Layered	Tan Paper	Asbestos Not Present	Cellulose	100	
038	38	Homogeneous	Gray Wallboard	Asbestos Not Present	Cellulose	40	CaCO3

Dee Am

Dee Ammerman, Analyst

10/23/2018
Date of Report

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

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

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

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

QUANTEM LABORATORIES
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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 300144
(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:	18-400-024.2652
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	9/28/18 1700	FedEx	Lisa Guthrie	10/1/18 9:45AM

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (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. 300144
Accept Reject

Project Information

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

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

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 300144
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		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 300151
Date Received: 10/01/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 10/08/18

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.: 18-400-024.2652

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.0159	0.00495	%	10/05/18 11:13	P EPA 7000B (1)
002	P02	Paint	Lead	0.00669	0.00492	%	10/05/18 11:13	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

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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. 300151	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2652

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	9/28/18 1700	FedEx		10-1-18 9:05

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	P01				B	X				X				
2	P02				↓	↓				↓				
3														
4														
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

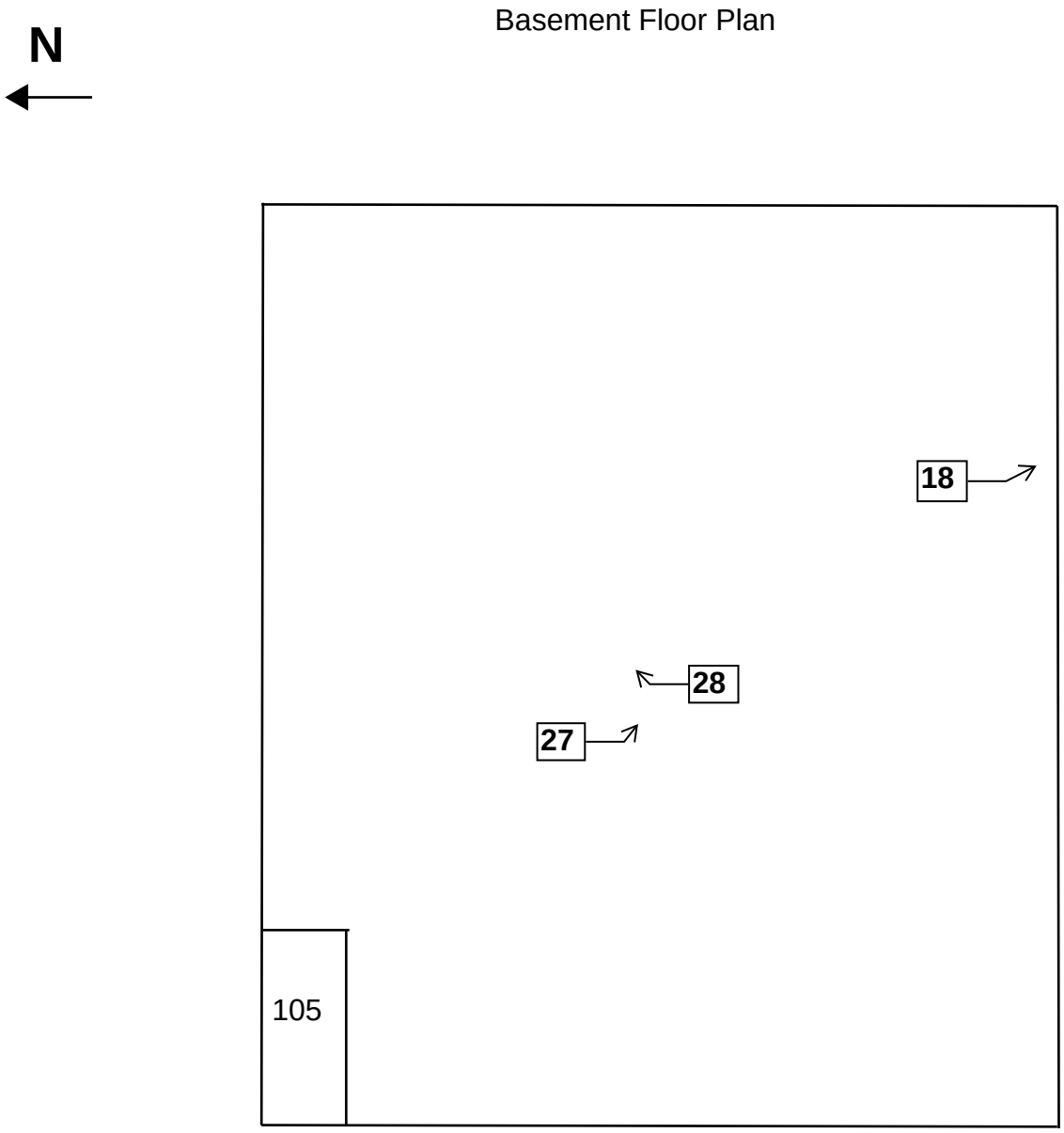
TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
✓	5 - Day

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

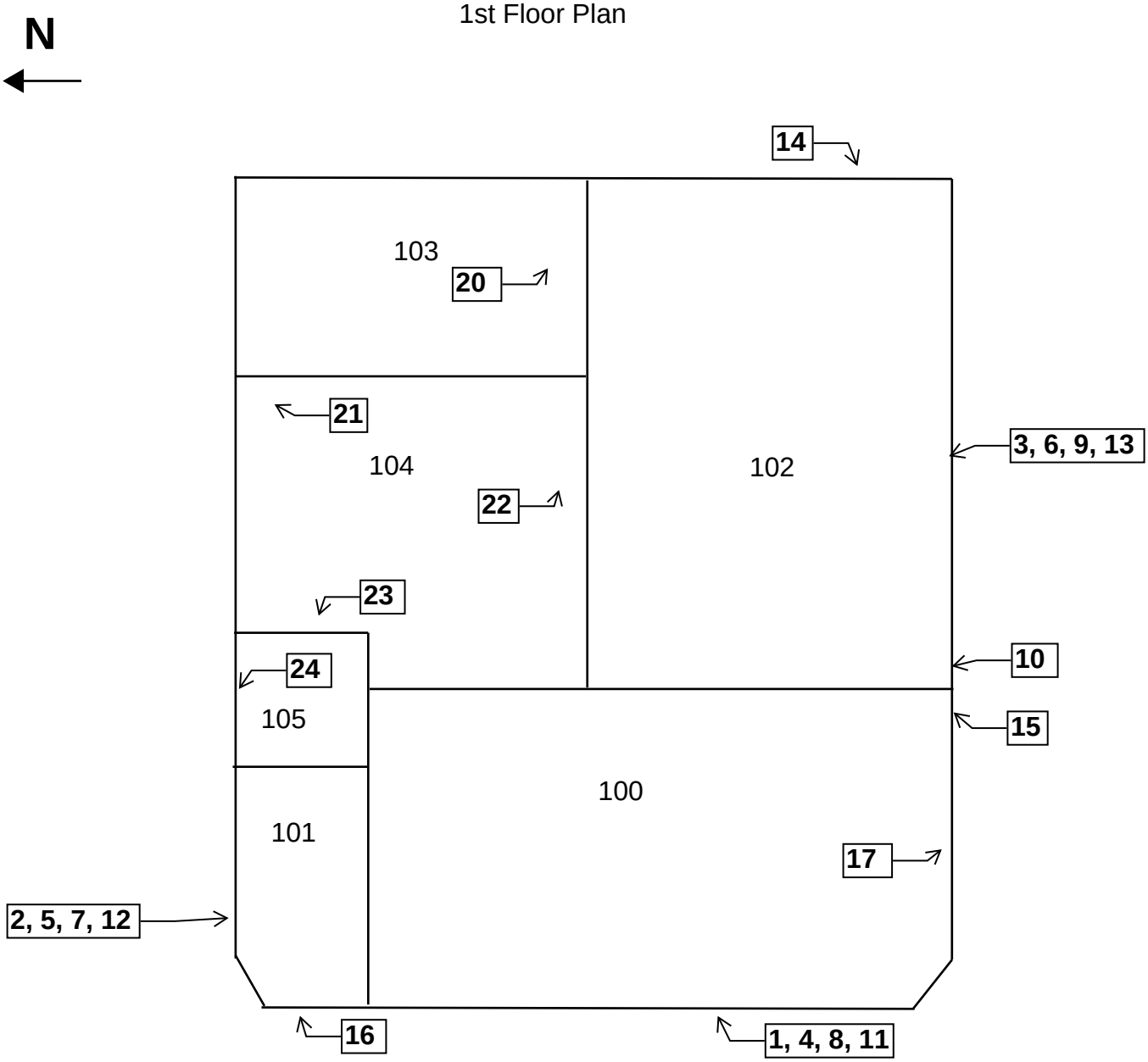
One Family Dwelling
2652 North 28th Street
Milwaukee, Wisconsin

Basement Floor Plan



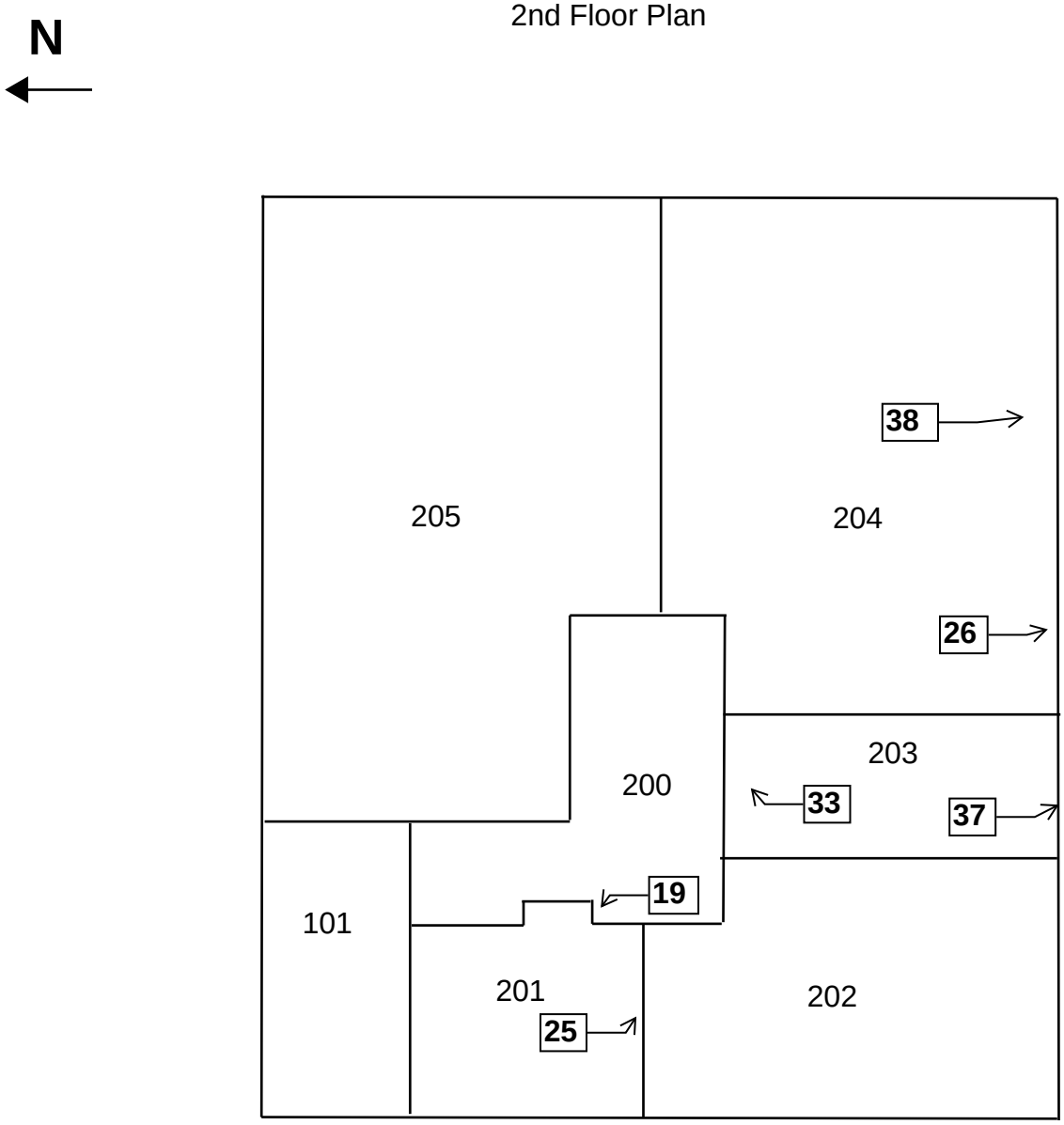
One Family Dwelling
2652 North 28th Street
Milwaukee, Wisconsin

1st Floor Plan



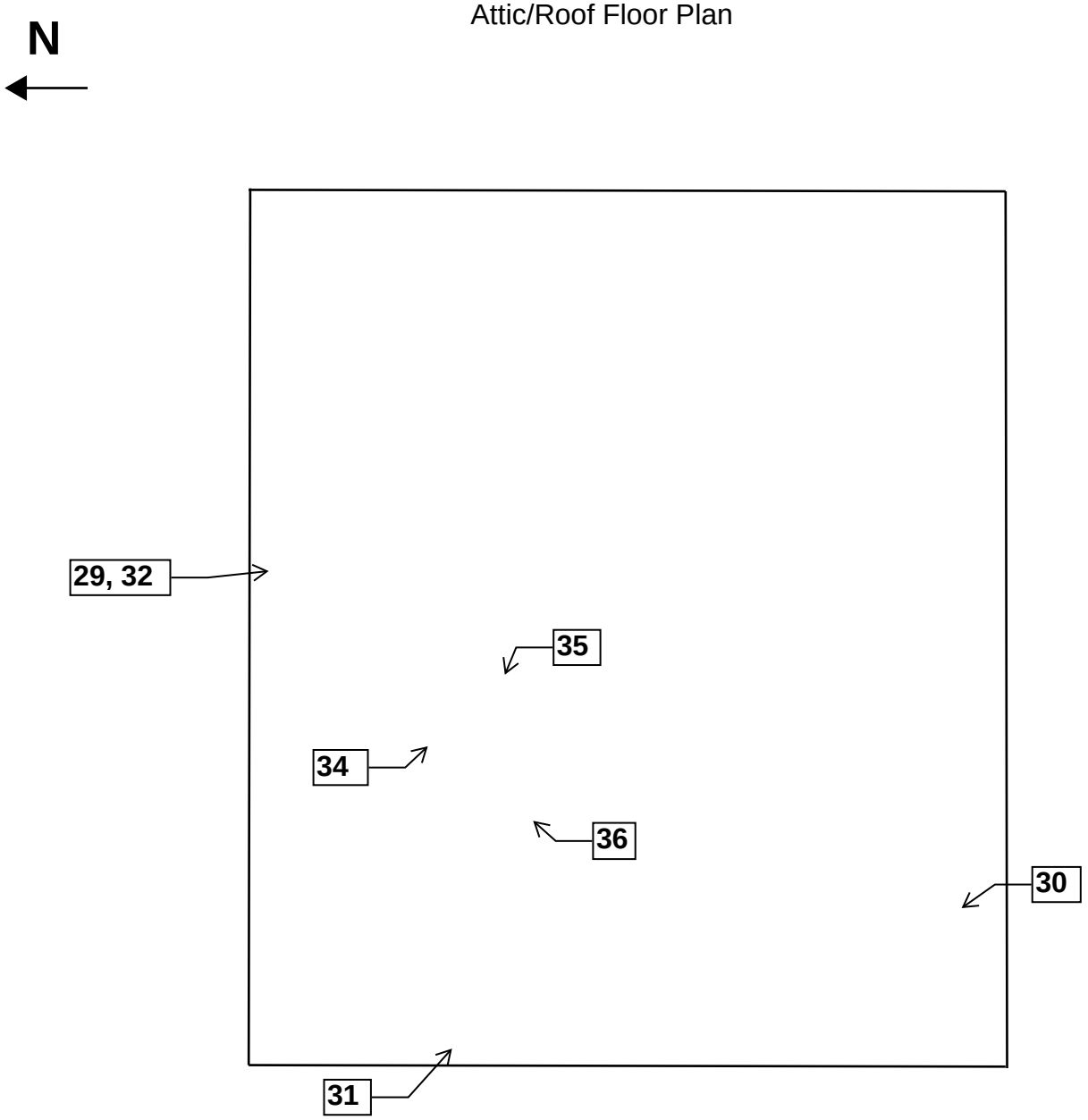
One Family Dwelling
2652 North 28th Street
Milwaukee, Wisconsin

2nd Floor Plan



One Family Dwelling
2652 North 28th Street
Milwaukee, Wisconsin

Attic/Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 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,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH
1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659

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

February 1, 2018

DAMIAN SCOTT ROGOWSKI
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

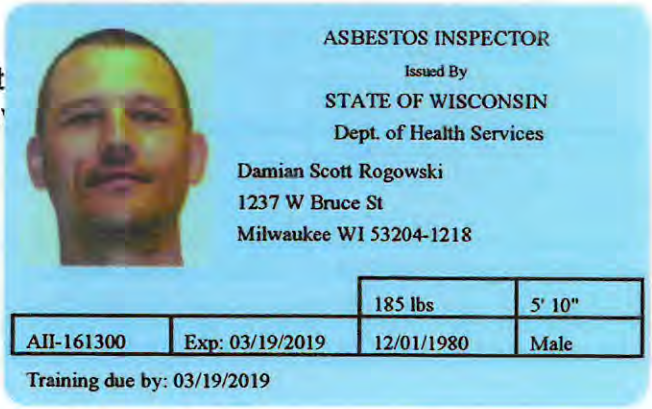
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos 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 prot
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

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Dwelling
819 West Madison 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.: 19-400-037.819
Inspector: Jazmin Spears
Contract No.: 360-19-0975

Prepared by:

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

April 2019

Signature Page
Deconstruction Inspection Report
One Family Dwelling
819 West Madison Street
Milwaukee, Wisconsin

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

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

April 16, 2019

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

RE: Deconstruction Inspection Report
819 West Madison Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 819 West Madison 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 819 West Madison Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

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

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 819 West Madison Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has metal, asphalt, and wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On April 4, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 819 West Madison Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

The results of the inspection integrated with the Polarized Light Microscopy with Dispersion Staining (PLM/DS) analysis of bulk samples collected are outlined in this document.

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

- Paper insulation
- Asphalt shingle siding
- Caulk
- Blown in insulation
- Floor tile
- Ceiling tile
- Flue packing
- Plaster
- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall under aluminum siding – silver paper insulation	Negative	MPIs
2	Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
3	Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
4a	Exterior – south wall under silver paper insulation – asphalt shingle siding	Negative	MSS
4b	Exterior – south wall under asphalt shingle siding – fiber layer	Negative	MSS
5a	Exterior – east wall under silver paper insulation – asphalt shingle siding	Negative	MSS
5b	Exterior – east wall under asphalt shingle siding – fiber layer	Negative	MSS
6a	Exterior – west wall under silver paper insulation – asphalt shingle siding	Negative	MSS
6b	Exterior – west wall under asphalt shingle siding – fiber layer	Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
7	Exterior – around south window – beige caulk	Negative	MCLKe
8	Exterior – around east door – beige caulk	Negative	MCLKe
9	Exterior – around west window – beige caulk	Negative	MCLKe
10	1st floor – rear entry – in wall above door – blown in insulation	Negative	MBI
11a	1st floor – kitchen – 12” beige and brown floor tile	Negative	MF12en
11b	1st floor – kitchen – under 12” beige and brown floor tile – tan mastic	Negative	MF12en
12a	1st floor – rear entry – 12” white floor tile	Negative	MF12w
12b	1st floor – rear entry – under 12” white floor tile – tan mastic	Negative	MF12w
13a	1st floor – rear stair – 12” yellow floor tile	Negative	MF12l
13b	1st floor – rear stair – under 12” yellow floor tile – tan mastic	Negative	MF12l
14a	1st floor – dining room – 12” tan and white floor tile	Negative	MF12tw
14b	1st floor – dining room – under 12” tan and white floor tile – tan mastic	Negative	MF12tw
15a	1st floor – front porch – 12” white and green floor tile	Negative	MF12wg
15b	1st floor – front porch – under 12” white and green floor tile – tan mastic	Negative	MF12wg
16	1st floor – kitchen – white ceiling tile	Negative	MSCTw
17	1st floor – dining room – white ceiling tile	Negative	MSCTw
18	2nd floor – bedroom – white ceiling tile	Negative	MSCTw
19a	2nd floor – bedroom – 12” tan and brown floor tile	Negative	MF12tn
19b	2nd floor – bedroom – under 12” tan and brown floor tile – tan mastic	Negative	MF12tn
20a	Basement – stair – 12” white and gray floor tile	Negative	MF12wy
20b	Basement – stair – under 12” white and gray floor tile – tan mastic	Negative	MF12wy
21a	Basement – stair on west wall – 12” brown and yellow floor tile	Negative	MF12nl
21b	Basement – stair on west wall – under 12” brown and yellow floor tile – tan mastic	Negative	MF12nl
22a	Basement south center – 12” cream and gray floor tile	Negative	MF12cy
22b	Basement south center – under 12” cream and gray floor tile – tan mastic	Negative	MF12cy
23a	Basement southeast – 12” cream and gray floor tile	Negative	MF12cy
23b	Basement southeast – under 12” cream and gray floor tile – tan mastic	Negative	MF12cy
24a	Basement southwest – 12” cream and gray floor tile	Negative	MF12cy
24b	Basement southwest – under 12” cream and gray floor tile – tan mastic	Negative	MF12cy
25	Basement – on chimney – flue packing	Negative	TFP
26a	1st floor – kitchen – south wall – plaster base coat	Negative	SPl
26b	1st floor – kitchen – south wall – plaster skim coat	Negative	SPl
27a	1st floor – dining room – east wall – plaster base coat	Negative	SPl
27b	1st floor – dining room – east wall – plaster skim coat	Negative	SPl
28a	1st floor – west bedroom – west wall – plaster base coat	Negative	SPl
28b	1st floor – west bedroom – west wall – plaster skim coat	Negative	SPl
29a	1st floor – living room – west wall – plaster base coat	Negative	SPl
29b	1st floor – living room – west wall – plaster skim coat	Negative	SPl
30a	1st floor – living room – west wall – plaster base coat	Negative	SPl
30b	1st floor – living room – west wall – plaster skim coat	Negative	SPl
31a	Basement – west wall – plaster base coat	Negative	SPl
31b	Basement – west wall – plaster skim coat	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
32a	Basement – east wall – plaster base coat	Negative	SPl
32b	Basement – east wall – plaster skim coat	Negative	SPl
33	Roof – northeast top layer – green and white asphalt roofing	Negative	MRSgw
34	Roof – southeast top layer – green and white asphalt roofing	Negative	MRSgw
35	Roof – west top layer – green and white asphalt roofing	Negative	MRSgw
36	Roof – northeast 2nd layer – red and white asphalt roofing	Negative	MRSrw
37	Roof – southeast 2nd layer – red and white asphalt roofing	Negative	MRSrw
38	Roof – west 2nd layer – red and white asphalt roofing	Negative	MRSrw

None of the materials sampled contain asbestos.

Assumed Asbestos Containing Materials

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
MPIs	Silver Paper Insulation
MSS	Asphalt Shingle Siding
MCLKe	Beige Caulk
MBI	Blown in Insulation
MF12en	12” Beige & Brown Floor Tile
MF12w	12” White Floor Tile
MF12l	12” Yellow Floor Tile
MF12tw	12” tan & White Floor Tile
MF12wg	12” White & Green Floor Tile
MF12tn	12” Tan & Brown Floor Tile
MF12wy	12” White & Gray Floor Tile
MF12nl	12” Brown & Yellow Floor Tile
MF12cy	12” Cream & Gray Floor Tile
MSCTw	White Ceiling Tile
MRSgw	Green & White Asphalt Shingle
MRSrw	Red & White Asphalt Shingle
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 819 West Madison Street, Milwaukee, Wisconsin, took place on April 4, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 819 West Madison Street, Milwaukee, Wisconsin

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

Exterior: 819 West Madison Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 819 West Madison Street, Milwaukee, Wisconsin Date: 4/4/19

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	South Wall	Block	Cream	0.00853
P2	Basement	West Wall	Block	White	0.00772
P2	Basement	Northeast Wall	Block	Beige	0.00651

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

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

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

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

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

VI. EXCLUSIONS

Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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 – 1 Electrical Box in Basement

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

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

IX. 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 #: 309829

Received 04/10/19
Analyzed 04/15/19
Reported 04/15/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
309829-001	04/04/19	1	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-002	04/04/19	2	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-003	04/04/19	3	Wisconsin		
Layer 1: Paper Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-004	04/04/19	4	Wisconsin		
Layer 1: Roofing Black, 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
309829-005	04/04/19	5	Wisconsin		
Layer 1: Roofing Black, 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

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

Project:
Location: Wisconsin
Number: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
309829-006	04/04/19	6	Wisconsin		
Layer 1: Roofing Black, 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
309829-007	04/04/19	7	Wisconsin		
Layer 1: Granular Material Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
309829-008	04/04/19	8	Wisconsin		
Layer 1: Granular Material Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
309829-009	04/04/19	9	Wisconsin		
Layer 1: Granular Material Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
309829-010	04/04/19	10	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-011	04/04/19	11	Wisconsin		
Layer 1: Flooring Cream, Organically Bound				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
309829-012	04/04/19	12	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Soft				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
309829-013	04/04/19	13	Wisconsin		
Layer 1: Flooring Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
309829-014	04/04/19	14	Wisconsin		
Layer 1: Flooring Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
309829-015	04/04/19	15	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
309829-016	04/04/19	16	Wisconsin		
Layer 1: Ceiling Tile Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-017	04/04/19	17	Wisconsin		
Layer 1: Ceiling Tile Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-018	04/04/19	18	Wisconsin		
Layer 1: Ceiling Tile Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
309829-019	04/04/19	19	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% 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: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
309829-020	04/04/19	20	Wisconsin			
Layer 1: Flooring Gray, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
309829-021	04/04/19	21	Wisconsin			
Layer 1: Flooring Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
309829-022	04/04/19	22	Wisconsin			
Layer 1: Flooring Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
309829-023	04/04/19	23	Wisconsin			
Layer 1: Flooring Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
309829-024	04/04/19	24	Wisconsin			
Layer 1: Flooring Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
309829-025	04/04/19	25	Wisconsin			
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
309829-026	04/04/19	26	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-027	04/04/19	27	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-028	04/04/19	28	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-029	04/04/19	29	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-030	04/04/19	30	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-031	04/04/19	31	Wisconsin			
Layer 1: Plaster Gray, 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: 19-400-037.819

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
309829-032	04/04/19	32	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
309829-033	04/04/19	33	Wisconsin			
Layer 1: Roofing Black/Green, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
309829-034	04/04/19	34	Wisconsin			
Layer 1: Roofing Black/Green, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
309829-035	04/04/19	35	Wisconsin			
Layer 1: Roofing Black/Green, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
309829-036	04/04/19	36	Wisconsin			
Layer 1: Roofing Black/Red, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
309829-037	04/04/19	37	Wisconsin			
Layer 1: Roofing Black/Red, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
309829-038	04/04/19	38	Wisconsin			
Layer 1: Roofing Black/Red, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						

EPA Regulatory Limit: 1%

Total layers analyzed on order: 59

309829-04/15/19 05:38 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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

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www.slabinc.com • info@slabinc.com

309829 X 38
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vthrasher 4/10/2019 10:00:42 AM
UPS 1Z2E2899846333733

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	19-400-037.819				
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]
1	4/4/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

[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: [signature] Date/Time 4/9/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ 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	19-400-037.819				
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]
11	4/4/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

[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: [signature] Date/Time 4/9/19 1300

! 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	19-400-037.819				
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]
21	4/4/19								
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: [signature] Date/Time 4/9/19 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	19-400-037.819				
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]
31	4/9/19								
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 4/9/19 1200

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X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.819

Order #: 309787

Matrix Paint
Received 04/10/19
Analyzed 04/11/19
Reported 04/12/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
309787-001	P1		04/04/19	329 mg			
Lead		EPA 7000B / 3050B		28.1 µg	0.00853 %	85.3 mg/kg	30.4 mg/kg
309787-002	P2		04/04/19	315 mg			
Lead		EPA 7000B / 3050B		24.3 µg	0.00772 %	77.2 mg/kg	31.7 mg/kg
309787-003	P3		04/04/19	316 mg			
Lead		EPA 7000B / 3050B		20.6 µg	0.00651 %	65.1 mg/kg	31.6 mg/kg

Analyst: SA
309787-04/12/19 02:20 PM

Reviewed By: **Derek Jackson**
Analyst

Federal Lead Paint Statute

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

Minimum reporting limit: 10.0 µg. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

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309787 X 3
V:\309\309787
vthrasher 4/10/2019 10:00:42 AM
UPS 1Z2E2899846333733

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	19-400-037.819				
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]
P1	4/4/19								
P2	↓								
P3	↓								

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: [signature] Date/Time 4/9/19 1700

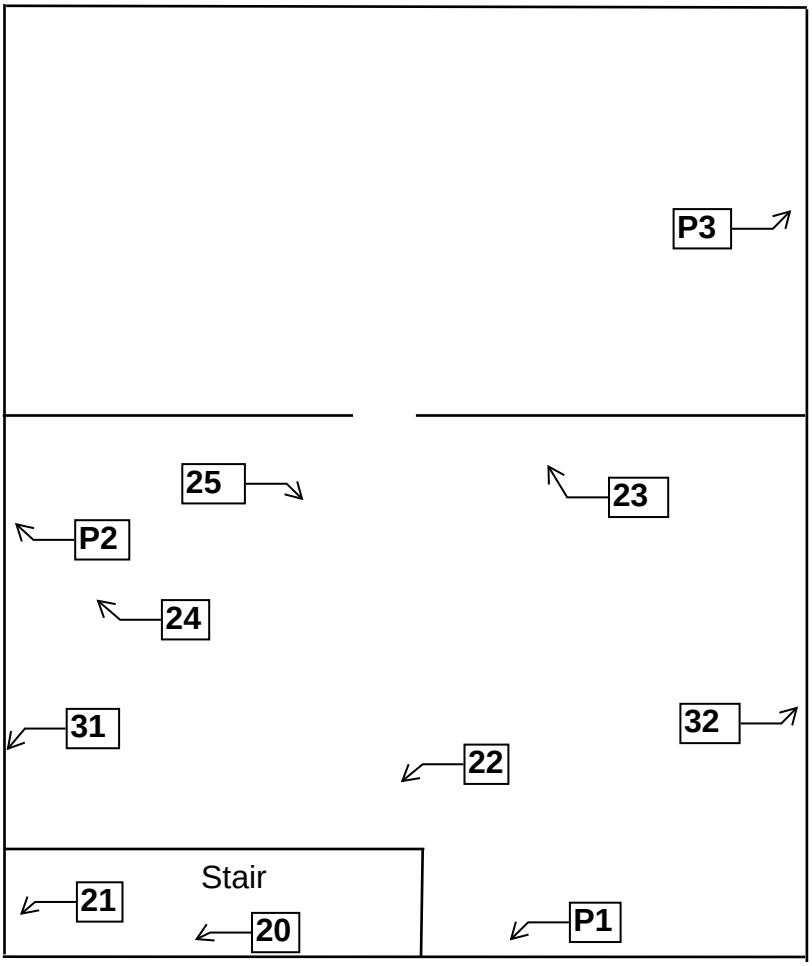
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

One Family Dwelling
819 West Madison Street
Milwaukee, Wisconsin

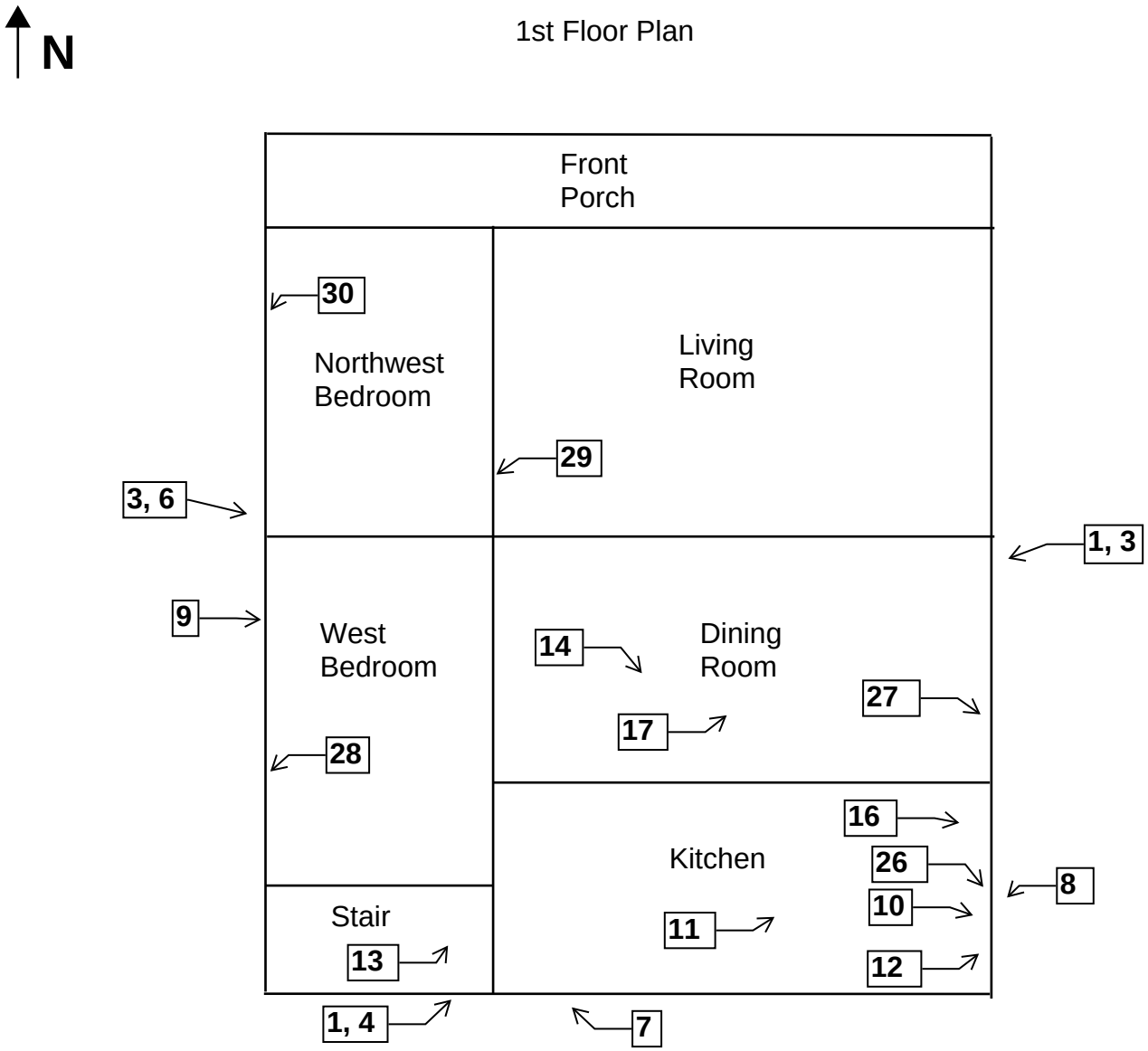
N

Basement Floor Plan



One Family Dwelling
819 West Madison Street
Milwaukee, Wisconsin

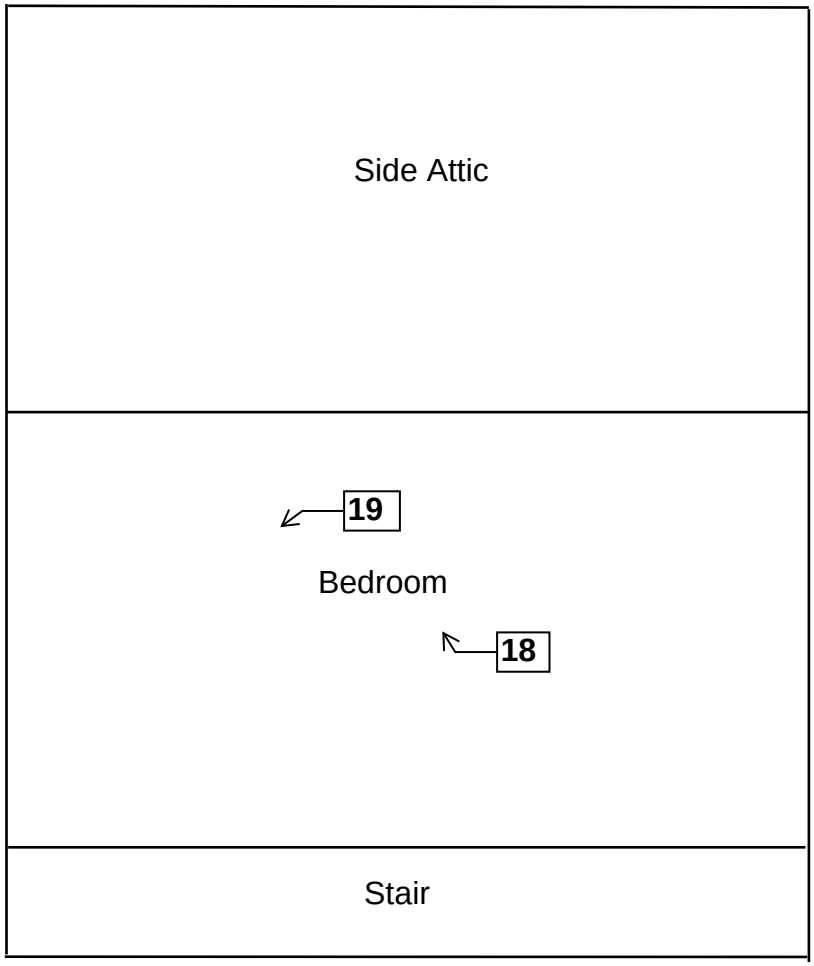
1st Floor Plan



One Family Dwelling
819 West Madison Street
Milwaukee, Wisconsin

N

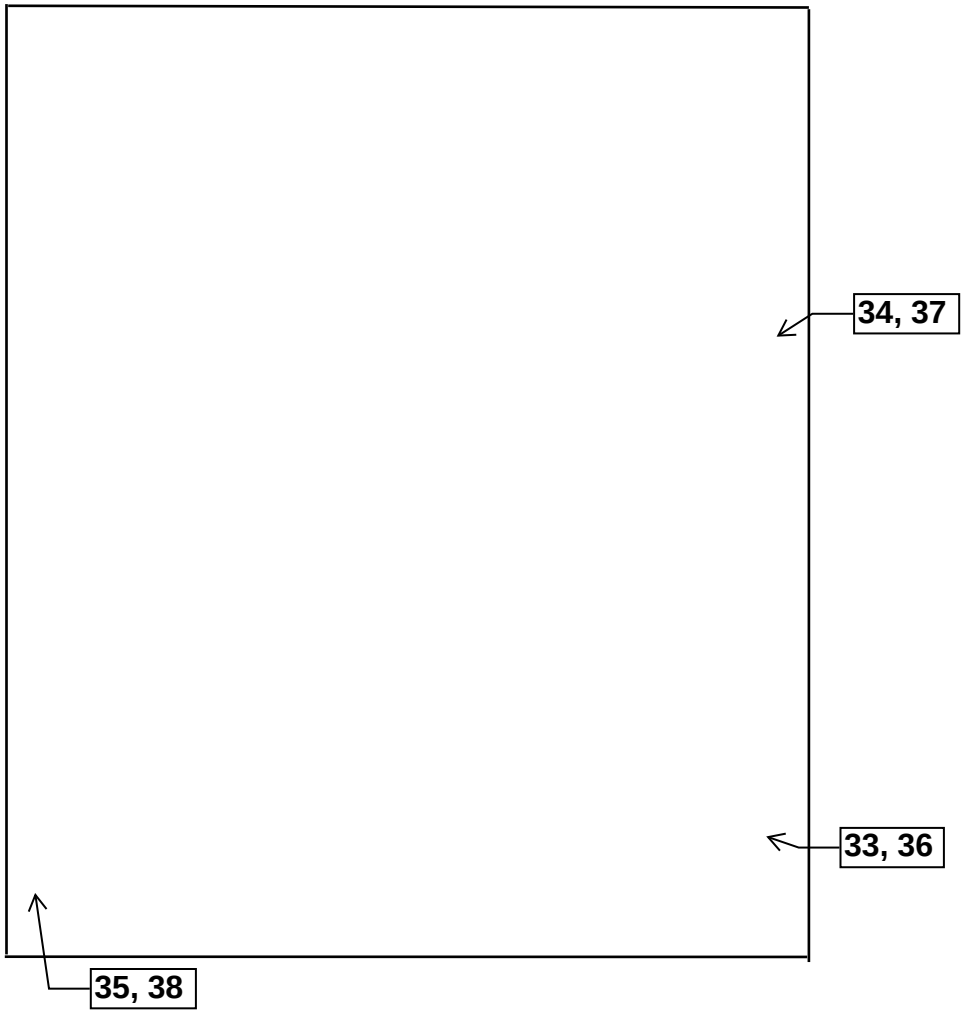
2nd Floor Plan



One Family Dwelling
819 West Madison 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
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August 27, 2018

CECIL JAMES TRAWICK JR
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, 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, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

The Lead and Asbestos Certification Pr...
(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.

ASBESTOS INSPECTION REPORT
Job Site:

One Family Dwelling
1337-39 West Washington 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.: 17-400-080.1337-39
Contract No.: 360-17-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

May 2017

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the dwelling at 1337-39 West Washington Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On April 21, 2017, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for deconstruction, located at 1337-39 West Washington Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 107469.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the buildings.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable positive (>1%) materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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. FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under vinyl siding – black paper insulation	Negative	MPIk
2	Exterior – north wall under vinyl siding – black paper insulation	Negative	MPIk
3	Exterior – south wall under vinyl siding – black paper insulation	Negative	MPIk
4a	1st floor – living room – east wall – plaster skim coat	Negative	SPl
4b	1st floor – living room – east wall – plaster base coat	Negative	SPl
5	1st floor – southeast bedroom – north wall – plaster	Negative	SPl
6	1st floor – middle bedroom – west wall – plaster	Negative	SPl
7	1st floor – dining room – west wall – plaster	Negative	SPl
8a	1st floor – kitchen – east wall – plaster skim coat	Negative	SPl
8b	1st floor – kitchen – east wall – plaster base coat	Negative	SPl
9	1st floor – northeast bedroom – west wall – plaster	Negative	SPl
10a	2nd floor – south bedroom – south wall – plaster skim coat	Negative	SPl
10b	2nd floor – south bedroom – south wall – plaster base coat	Negative	SPl
11a	1st floor – living room – west wall – joint compound	Negative	MDW
11b	1st floor – living room – west wall – drywall	Negative	MDW
12a	2nd floor – west room – north wall – joint compound	Negative	MDW
12b	2nd floor – west room – north wall – drywall	Negative	MDW
13a	2nd floor – northeast bedroom – east wall – joint compound	Negative	MDW
13b	2nd floor – northeast bedroom – east wall – drywall	Negative	MDW
14	1st floor – living room – on ceiling – texture	Negative	STX
15	1st floor – kitchen – on ceiling – texture	Negative	STX
16	1st floor – kitchen – on northwest wall – texture	Negative	STX
17	2nd floor – back hall – on east wall– texture #2	Negative	STX2
18a	2nd floor – west room – on west wall– texture #2	Negative	STX2
18b	2nd floor – west room – on west wall– drywall	Negative	STX2
19a	2nd floor – west room – on ceiling– texture #2	Negative	STX2
19b	2nd floor – west room – on ceiling– drywall	Negative	STX2
20	2nd floor – south bedroom – under floor – blown in insulation	Negative	MBI

Sample #	Location and Description	Results	Homogeneous Code
21	2nd floor – south bedroom – under floor – blown in insulation	Negative	MBI
22	2nd floor – south bedroom – under floor – blown in insulation	Negative	MBI
23	1st floor – living room – on west window – glazing compound	Negative	MPG
24	1st floor – dining room – on west window – glazing compound	Negative	MPG
25	2nd floor – west bedroom – on west window – glazing compound	Negative	MPG
26	Basement – on chimney – flue packing	Negative	TFP
27a	1st floor – bathroom floor – white ceramic tile	Negative	MCTMw
27b	1st floor – bathroom floor – grout	Negative	MCTMw
27c	1st floor – bathroom floor – under white ceramic tile – mortar	Negative	MCTMw
28a	floor – bathroom – on west wall – gray ceramic tile	Negative	MCTMy
28b	floor – bathroom – on west wall – under gray ceramic tile – mortar	Negative	MCTMy
29a	floor – bathroom – on south wall – gray ceramic tile	Negative	MCTMy
29b	floor – bathroom – on south wall – under gray ceramic tile – mortar	Negative	MCTMy
30a	floor – bathroom – on north wall – gray ceramic tile	Negative	MCTMy
30b	floor – bathroom – on north wall – under gray ceramic tile – mortar	Negative	MCTMy
31a	1st floor – front entry – top layer – 12” tan and brown floor tile	Negative	MF12tn
31b	1st floor – front entry – 2nd layer – 12” green floor tile	Negative	MF12g
31c	1st floor – front entry – 2nd layer – under 12” green floor tile – yellow mastic	Negative	MF12g
32a	1st floor – living room – top layer – 12” tan and brown floor tile	Negative	MF12tn
32b	1st floor – living room – 2nd layer – 12” green floor tile	Negative	MF12g
32c	1st floor – living room – 2nd layer – under 12” green floor tile – yellow mastic	Negative	MF12g
33a	1st floor – kitchen – 2nd layer – 12” tan and brown floor tile	Negative	MF12tn
33b	1st floor – kitchen – 3rd layer – 12” green floor tile	Negative	MF12g
33c	1st floor – kitchen – 3rd layer – under 12” green floor tile – yellow mastic	Negative	MF12g
34	1st floor – kitchen – top layer – at dining room door – 12: brown and black floor tile	Negative	MF12nk
35	1st floor – kitchen – top layer – north side – 12: brown and black floor tile	Negative	MF12nk
36	1st floor – kitchen – top layer – west side – 12: brown and black floor tile	Negative	MF12nk
37	2nd floor – east storage room – 12” green and tan floor tile	Negative	MF12gt
38	2nd floor – northeast bedroom – under carpet – 12” white floor tile	Negative	MF12w
38a	Exterior – roof east side – top layer – black asphalt shingle	Negative	MRSk
38b	Exterior – roof east side – bottom layer – red asphalt shingle	Negative	MRSr

Sample #	Location and Description	Results	Homogeneous Code
39a	Exterior – roof north side – top layer – black asphalt shingle	Negative	MRSk
39b	Exterior – roof north side – bottom layer – red asphalt shingle	Negative	MRSr
40a	Exterior – roof west side – top layer – black asphalt shingle	Negative	MRSk
40b	Exterior – roof west side – bottom layer – red asphalt shingle	Negative	MRSr
41a	1st floor – front entry – bottom layer – 12” gray and green floor tile	Negative	MF12yg
41b	1st floor – front entry – bottom layer – under 12” gray and green floor tile – yellow mastic	Negative	MF12yg
42a	1st floor – living room north side – bottom layer – 12” gray and green floor tile	Negative	MF12yg
42b	1st floor – living room north side – bottom layer – under 12” gray and green floor tile – yellow mastic	Negative	MF12yg
43a	1st floor – living room south side – bottom layer – 12” gray and green floor tile	Negative	MF12yg
43b	1st floor – living room south side – bottom layer – under 12” gray and green floor tile – yellow mastic	Negative	MF12yg

No materials sampled were found to contain asbestos.

Note#1: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#2: A copy of this report should be transmitted to the deconstruction contractor.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
MPIk	Black Paper Insulation
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
MPG	Glazing Compound
MCTMw	White Ceramic Tile
MCTMy	Gray Ceramic Tile
MF12tn	12” Tan & Brown Floor Tile
MF12g	12” Green Floor Tile
MF12nk	12” Brown & Black Floor Tile
MF12yg	12” Gray & Green Floor Tile
MF12w	12” White Floor Tile
MRSn	Brown Asphalt Roof Shingle
MRSr	Red Asphalt Roof Shingle
TFP	Flue Packing

V. EXCLUSIONS

No access to attic space. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

10	Fluorescent Lights – Exterior Northeast, 1st Floor Bathroom & Northeast Bedroom, 2nd Floor South 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 – Dining 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
N/A	Space Heaters

ELECTRICAL SYSTEMS – 1 Electric Meter on Exterior. 2 Breaker Boxes in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A 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 – Basement

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 1 Gas Meter in Basement
* 9 Cans Spray Paint Front Entry Closet. 5 Gallons Paint in Living Room. 2 Gallons Paint & 1 Gallon Paint Remover in Kitchen.

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 279179
Account Number: B929
Date Received: 04/24/2017
Received By: Karen Braley
Date Analyzed: 04/28/2017
Analyzed By: Dee Ammerman
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: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
004	4	Layered	Tan Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
004a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	2	Sand Gypsum
005	5	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	2	Sand Gypsum
006	6	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	2	Sand Gypsum

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

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

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007	7	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	2	Gypsum Sand
008	8	Layered	Tan Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
008a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	2	Gypsum Sand
009	9	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose	2	Gypsum Sand
010	10	Layered	Tan Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
010a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	2	Gypsum Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
011	11	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
012	12	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
013	13	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
013a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
014	14	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015	15	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
016	16	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
017	17	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018	18	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
019a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
020	20	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
021	21	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
022	22	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
023	23	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3 Binder
024	24	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3 Binder
025	25	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3 Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	26	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
027	27	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
027a		Layered	White Mortar	Asbestos Not Present	NA	CaCO3
027b		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
028	28	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
028a		Layered	White Mortar	Asbestos Not Present	NA	CaCO3

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Date Analyzed: 04/28/2017
Analyzed By: Dee Ammerman
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: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	29	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
029a		Layered	White Mortar	Asbestos Not Present	NA	CaCO3
030	30	Layered	Gray Ceramic Tile	Asbestos Not Present	NA	Clay Sand
030a		Layered	White Mortar	Asbestos Not Present	NA	CaCO3
031	31	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031a		Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 279179
Account Number: B929
Date Received: 04/24/2017
Received By: Karen Braley
Date Analyzed: 04/28/2017
Analyzed By: Dee Ammerman
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: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032	32	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032a		Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033	33	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
033a		Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
033b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 279179
Account Number: B929
Date Received: 04/24/2017
Received By: Karen Braley
Date Analyzed: 04/28/2017
Analyzed By: Dee Ammerman
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: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034	34	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
035	35	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
036	36	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037	37	Homogeneous	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
038	38	Homogeneous	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
039	39	Layered	Brown Shingle	Asbestos Not Present	Cellulose 35	Tar Sand
039a		Layered	Red Shingle	Asbestos Not Present	Cellulose 55	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 279179
Account Number: B929
Date Received: 04/24/2017
Received By: Karen Braley
Date Analyzed: 04/28/2017
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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: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
040	40	Layered	Brown Shingle	Asbestos Not Present	Cellulose	35	Tar Sand
040a		Layered	Red Shingle	Asbestos Not Present	Cellulose	55	Tar Sand
041	41	Layered	Brown Shingle	Asbestos Not Present	Cellulose	35	Tar Sand
041a		Layered	Red Shingle	Asbestos Not Present	Cellulose	55	Tar Sand
042	42	Layered	Gray Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
042a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 279179
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Date Received: 04/24/2017
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Client: Harenda Management Group
Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.1337-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
043	43	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
043a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
044	44	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
044a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Dee Am

Dee Ammerman, Analyst

4/28/2017
Date of Report

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

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

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. 279179	
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:	17-400-080.1337-39
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/21/17 1700	FedEx	K. Bailey	4-24-17 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 279179
Accept Reject

Project Information

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

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

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 279179
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		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
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

October 5, 2016

CECIL JAMES TRAWICK JR
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-104769

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

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

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

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

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

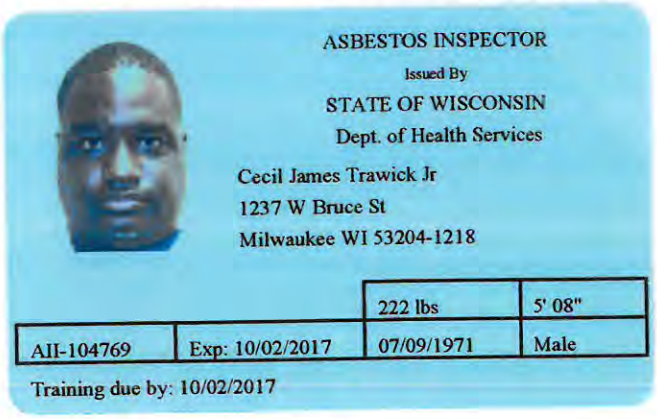
Submit your renewal application by mail if paying by check or money order, or online at **www.dhs.wisconsin.gov/waldo** if paying by VISA or MasterCard credit or debit card.

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

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

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

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



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.

175232