OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 12-23-19

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 eight (8) primary buildings and four (4) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time)** on **Monday, December 23, 2019,** at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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

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

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

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

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

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

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

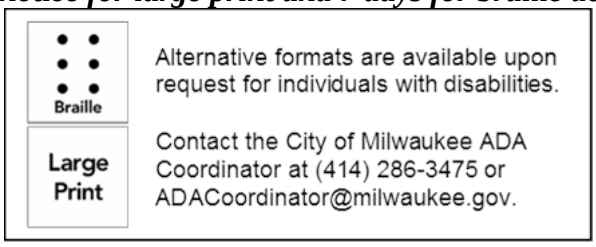
IT IS YOUR RESPONSIBILITY AS A BIDDER TO FAMILIARIZE YOURSELF WITH THIS ORDINANCE PRIOR TO SUBMITTING YOUR BID.

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

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

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

Anyone who requires an auxiliary aid or service for this event should contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or ADACoordinator@milwaukee.gov **as soon as possible but *no later than 72 hours before the scheduled event.***
This material is available in alternative formats for individuals with disabilities upon request. Please contact the City of Milwaukee ADA Coordinator @ (414) 286-3475 or ADACoordinator@milwaukee.gov**. *Provide a 72 hour advance notice for large print and 7 days for braille documents.***



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

December 9, 2019
December 10, 2019

BID DOCUMENTS

FOR

MECHANICAL DEMOLITION PROJECT

OPENING MONDAY, DECEMBER 23, 2019

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, DECEMBER 23, 2019

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 — 2452 South 18th Street – 1-story frame dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, fences, patio and sidewalks. 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. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE DWELLING DUE TO THE FIRE DAMAGE. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (6 days to complete)**

Parcel 2 – 3802 North 22nd Street – 2-story frame 2-family dwelling

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

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 3 – 2821 North 25th Street – 2-story frame 1-family dwelling & 1-story frame garage

Remove fire-damaged dwelling and garage, garage slab, fences, 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 4 – 4926 North 32nd Street – 1.5-story frame 1-family dwelling

Remove dwelling, fences, parking slab, hand-made shelves in yard, sidewalks, alley approach, 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. PER THE INSPECTOR FROM HMG, THE BASEMENT WAS FLOODED AT THE TIME OF THE INSPECTION. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (12 days to complete)**

Parcel 5 – 2854 North 35th 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. Splashboards or barricades 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. (12 days to complete)**

Parcel 6 – 5673 North 35th Street – 1-story frame 1-family dwelling & 1-story frame garage

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

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

Parcel 7 – 2500 West Burleigh Street – 2.5-story frame 2-family dwelling & 1-story frame garage

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

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/concrete work to be done as soon as weather permits)**

Parcel 8 – 3617 West Hampton Avenue – 2.5-story frame 2-family dwelling

Remove dwelling, fences, garage slab, patio, sidewalks and concrete steps. 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. (7 days to complete)**

Parcels 1 & 2 are privately owned. The remaining 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.
(SEE ATTACHED)

DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

FORMAL BIDS

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

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

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

BID FOR DEMOLITION

Department of Neighborhood Services
841 North Broadway
Milwaukee, Wisconsin

Gentlemen:

1. The undersigned, having familiarized _____ with the existing conditions on the Project Area affecting the cost of the work, and with the Contract Documents revised January, 1999, (which includes Invitation for Bids, Instruction to Bidders, the form of Bid, the form of the Bid Bond, Form of Contract (or agreement), form of Non-Collusion Affidavit, Addenda (if any), General Conditions, Technical Specifications, Drawings (as listed in the schedule of drawings), and Form of Surety Bond or Bonds); hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services including utility and transportation services and to perform and complete all work required for the demolition of eight (8) primary buildings and four (4) secondary buildings located in the City of Milwaukee, for mechanical Demolition Project opening December 23, 2019, all in accordance with the above-listed documents;

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

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

_____

_____Dollars

($_____),

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

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

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

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

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

Date _____, 20____.

_____
Company Name

OFFICIAL ADDRESS

By_____

_____

TITLE _____

_____

3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF _____)
)SS
COUNTY OF_____)

_____, being first duly sworn, deposes and says that:

(1) S/he is _____,
(owner, partner, officer, representative or agent)
of _____, the Bidder that has submitted the attached Bid.

(2) S/he is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid.

(3) Such bid is genuine and is not a collusive or sham bid.

(4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has had or will have communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder or to fix the overhead, profit or cost element of the bid price or the bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Department of Neighborhood Services of the City of Milwaukee or any person interested in the proposed Contract.

(5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(6) Attached and following this affidavit is a full and complete list of all subcontractors and the class of work to be performed by each, which the Bidder proposes to use.

Subscribed and sworn to before me
this ___ day of _____, 20____

_____

_____ _____
Notary Public, Milwaukee County, WI Title

My commission expires: _____
Rev. 1/00

3.8.0. BID BOND AFFIDAVIT

STATE OF WISCONSIN)SS
MILWAUKEE COUNTY)

_____,

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

_____

(Attorney-in-fact or agent)

of _____

surety on the within bond executed by

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

Subscribed and sworn to before me this

_____ day of _____, 20_____

_____
Notary Public, Milwaukee County, Wisconsin

My commission expires _____
Rev. 1/00

3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the

_____ Secretary of the corporation

named as Principal in the within bond; that

_____, who signed the said bond on

behalf of the Principal was then _____

of said corporation; that I know his signature, and his signature thereto is genuine, and that said bond was duly signed, sealed, and attested to for and in behalf of said corporation by authority of its governing body.

_____(Corporate)

Title _____(Seal)

3.3.0. COMPLETE LIST OF SUBCONTRACTORS

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

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

MECHANICAL DEMOLITION PROJECT OPENING 12-23-19
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2452 South 18th Street	1	frame	dwelling	2	PRIV	24,725
	2452 South 18th Street	1	frame	garage	-	PRIV	4,400
2	3802 North 22nd Street	2	frame	dwelling	2	PRIV	20,640
3	2821 North 25th Street	2	frame	dwelling	1	CITY	28,800
	2821 North 25th Street	1	frame	garage	-	CITY	6,000
4	4926 North 32nd Street	1.5	frame	dwelling	1	CITY	12,210
5	2854 North 35th Street	2.5	frame	dwelling	2	CITY	28,800
6	5673 North 35th Street	1	frame	dwelling	1	CITY	7,290
	5673 North 35th Street	1	frame	garage	-	CITY	2,800
7	2500 West Burleigh Street	2.5	frame	dwelling	2	CITY	34,560
	2500 West Burleigh Street	1	frame	garage	-	CITY	4,000
8	3617 West Hampton Avenue	2.5	frame	dwelling	2	CITY	17,020

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 $_____

(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 12-23-19
DEMOLITION OF 8 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: 12-23-19

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	2452 South 18th Street (dwelling & garage)				
2	3802 North 22nd Street (dwelling)				
3	2821 North 25th Street (dwelling & garage)				
4	4926 North 32nd Street (dwelling)				
5	2854 North 35th Street (dwelling)				
6	5673 North 35th Street (dwelling & garage)				
7	2500 West Burleigh Street (dwelling & garage)				
8	3617 West Hampton Ave. (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

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

PRE-DEMOLTION INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
2452 South 18th 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.: 19-400-037.2452
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
Pre-Demolition Inspection Report
Two Family Dwelling
2452 South 18th Street
Milwaukee, Wisconsin

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

Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/19
Harenda Management Group

April 24, 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
2452 South 18th Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 2452 South 18th Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling at 2452 South 18th Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in basement level kitchen linoleum sampled during the inspection. Asbestos was assumed to be in the asphalt roofing. Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-demolition Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 2
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Exclusions 5

VI. Limitations 5

VII. Pre-Demolition Environmental Checklist 6

VIII. Asbestos Laboratory Results 10

IX. Floor Plans 11

X. HMG Certifications 12

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling and garage at 2452 South 18th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with vinyl, asphalt, and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On April 11, 2019, HMG conducted an asbestos inspection of a two family dwelling and garage, scheduled for mechanical demolition, located at 2452 South 18th Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Asphalt shingle siding
- Drywall
- Ceiling tile
- Texture
- Ceramic tile
- Floor tile
- Caulk
- Linoleum
- Window glazing compound
- Plaster
- Fiberboard
- Flue packing
- 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
1a	Exterior – east wall under vinyl siding – asphalt shingle siding	Negative	MSS
1b	Exterior – east wall under asphalt shingle siding – fiber layer	Negative	MSS
2a	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
2b	Exterior – south wall under asphalt shingle siding – fiber layer	Negative	MSS
3a	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
3b	Exterior – west wall under fiberboard – asphalt shingle siding	Negative	MSS
4	Basement – back hall – south wall – drywall	Negative	MDW
5	Basement – back hall – north wall – drywall	Negative	MDW
6	Basement – back hall – east wall – drywall	Negative	MDW
7	Basement – back hall – white ceiling tile	Negative	MSCTw
7	Basement – back hall – white ceiling tile layer 2	Negative	MSCTw
8	Basement – bathroom – on north wall – texture	Negative	STX
9a	Basement – kitchen south floor – black ceramic tile	Negative	MCTMk

Sample #	Location and Description	Results	Homogeneous Code
9b	Basement – kitchen south floor – under black ceramic tile - tan mastic	Negative	MCTMk
9c	Basement – kitchen south floor – white ceramic tile	Negative	MCTMw
9d	Basement – kitchen south floor – under white ceramic tile - tan mastic	Negative	MCTMw
9e	Basement – kitchen south floor – grout	Negative	MCTMw
10a	Basement – kitchen east floor – black ceramic tile	Negative	MCTMk
10b	Basement – kitchen east floor – under black ceramic tile - tan mastic	Negative	MCTMk
10c	Basement – kitchen east floor – white ceramic tile	Negative	MCTMw
10d	Basement – kitchen east floor – under white ceramic tile - tan mastic	Negative	MCTMw
10e	Basement – kitchen east floor – grout	Negative	MCTMw
11a	Basement – kitchen north floor – black ceramic tile	Negative	MCTMk
11b	Basement – kitchen north floor – under black ceramic tile - tan mastic	Negative	MCTMk
11c	Basement – kitchen north floor – white ceramic tile	Negative	MCTMw
11d	Basement – kitchen north floor – under white ceramic tile - tan mastic	Negative	MCTMw
11e	Basement – kitchen north floor – grout	Negative	MCTMw
12a	Basement – back hall – 12” green floor tile	Negative	MF12g
12b	Basement – back hall – under 12” green floor tile - tan mastic on concrete	Negative	MF12g
13	Basement – bathroom – on tub – white caulk	Negative	MCLKw
14a	**Basement – kitchen – northwest under plywood – beige linoleum**	**Positive 20% Chrysotile**	**MFLe**
14b	Basement – kitchen – northwest under beige linoleum – brown mastic	Negative	MFLe
15	Basement – living room – on ceiling – texture #2	Negative	STX2
16a	**Basement – kitchen – southwest under plywood – beige linoleum**	**Positive 20% Chrysotile**	**MFLe**
16b	Basement – kitchen – southwest under beige linoleum – brown mastic	Negative	MFLe
17a	**Basement – kitchen – east side under plywood – beige linoleum**	**Positive 20% Chrysotile**	**MFLe**
17b	Basement – kitchen – east side under beige linoleum – brown mastic	Negative	MFLe
18	Exterior – on south window – beige caulk	Negative	MCLKe
19	Exterior – on west window – beige caulk	Negative	MCLKe
20	Exterior – on east window – beige caulk	Negative	MCLKe
21	Basement – north bedroom – on north window – glazing compound	Negative	MPG
22	Basement – kitchen – on south window – glazing compound	Negative	MPG
23	Basement – living room – in west window – glazing compound	Negative	MPG
24	Basement – back hall – east wall – plaster	Negative	SPl
25	Basement – bathroom – north wall – plaster	Negative	SPl
26	Basement – kitchen – south wall – plaster	Negative	SPl
27	Basement – north bedroom – north wall – plaster	Negative	SPl
28	Basement – living room – west wall – plaster	Negative	SPl
29a	Garage – east wall under vinyl siding – fiberboard tan layer	Negative	MFB
29b	Garage – east wall under vinyl siding – fiberboard brown layer	Negative	MFB

Sample #	Location and Description	Results	Homogeneous Code
30a	Garage – south wall under vinyl siding – fiberboard tan layer	Negative	MFB
30b	Garage – south wall under vinyl siding – fiberboard brown layer	Negative	MFB
31a	Garage – west wall under vinyl siding – fiberboard tan layer	Negative	MFB
31b	Garage – west wall under vinyl siding – fiberboard brown layer	Negative	MFB
32a	Basement – on chimney – flue packing top layer	Negative	TFP
32b	Basement – on chimney – flue packing bottom layer	Negative	TFP

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Beige Linoleum	MFLe	Basement Kitchen Under Ceramic Tile & Plywood	170 SF	Fair

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	House & Garage Roofs	1,300 SF	Fair

Note #1: The beige linoleum is a 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 the beige linoleum be abated prior to demolition.

Note #2: 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#3: Category I – Non-Friable Asbestos Containing Materials may become RACM during mechanical demolition activities or maybe considered friable prior to demolition activities due to its condition at time of demolition.

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
MSS	Asphalt Shingle Siding
MDW	Drywall
MSCTw	White Ceiling Tile
MCTMw	White Ceramic Tile
MG12g	12” Green Floor Tile

Homogeneous Material Codes

MCLKw	White Caulk
MCLKe	Beige Caulk
MFLe	Beige Linoleum
MPG	Window Glazing Compound
MFB	Fiberboard
TFP	Flue Packing

V. EXCLUSIONS

1st floor and attic levels fire damaged and unsafe to access. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

4	Fluorescent Lights – Basement Back Hall & 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, **HEATERS** AND TANKS – 1 Water Heater in Basement

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

ELECTRICAL SYSTEMS – 2 Electrical Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 15 Gallons Paint in Basement Level

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 #: 310894

Received 04/16/19
Analyzed 04/19/19
Reported 04/19/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310894-001	04/11/19	1	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material				None Detected	70% CELLULOSE FIBER
Beige, Fibrous					30% NON FIBROUS MATERIAL
310894-002	04/11/19	2	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material				None Detected	70% CELLULOSE FIBER
Beige, Fibrous					30% NON FIBROUS MATERIAL
310894-003	04/11/19	3	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material				None Detected	70% CELLULOSE FIBER
Beige, Fibrous					30% NON FIBROUS MATERIAL
310894-004	04/11/19	4	Wisconsin		
Layer 1: Drywall				None Detected	5% CELLULOSE FIBER
White, Powdery					95% NON FIBROUS MATERIAL
310894-005	04/11/19	5	Wisconsin		
Layer 1: Drywall				None Detected	5% CELLULOSE FIBER
White, Powdery					95% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials	
310894-006	04/11/19	6	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	5% 95%	CELLULOSE FIBER NON FIBROUS MATERIAL
310894-007	04/11/19	7	Wisconsin			
Layer 1: Insulation Yellow, Fibrous				None Detected	90% 10%	MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Layer 2: Cover White, Soft				None Detected	100%	NON FIBROUS MATERIAL
310894-008	04/11/19	8	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-009	04/11/19	9	Wisconsin			
Layer 1: Ceramic Tile Black, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 4: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 5: Hard Material Beige, Hard				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: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
310894-010	04/11/19	10	Wisconsin			
Layer 1: Ceramic Tile Black, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 4: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 5: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
310894-011	04/11/19	11	Wisconsin			
Layer 1: Ceramic Tile Black, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Ceramic Tile White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 4: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
Layer 5: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
310894-012	04/11/19	12	Wisconsin			
Layer 1: Flooring Gray, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
310894-013	04/11/19	13	Wisconsin			
Layer 1: Soft Material White, Soft				None Detected	100%	NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310894-014	04/11/19	14	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 Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
310894-015	04/11/19	15	Wisconsin		
Layer 1: Brittle Material Beige/Blue, Brittle				None Detected	100% NON FIBROUS MATERIAL
310894-016	04/11/19	16	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 Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
310894-017	04/11/19	17	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 Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
310894-018	04/11/19	18	Wisconsin		
Layer 1: Soft Material White/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
310894-019	04/11/19	19	Wisconsin		
Layer 1: Soft Material White/Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
310894-020	04/11/19	20	Wisconsin		
Layer 1: Soft Material White/Gray, 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: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials	
310894-021	04/11/19	21	Wisconsin			
Layer 1: Soft Material White/Gray, Soft				None Detected	100%	NON FIBROUS MATERIAL
310894-022	04/11/19	22	Wisconsin			
Layer 1: Soft Material White/Gray, Soft				None Detected	100%	NON FIBROUS MATERIAL
310894-023	04/11/19	23	Wisconsin			
Layer 1: Soft Material White/Gray, Soft				None Detected	100%	NON FIBROUS MATERIAL
310894-024	04/11/19	24	Wisconsin			
Layer 1: Granular Material Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-025	04/11/19	25	Wisconsin			
Layer 1: Granular Material Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-026	04/11/19	26	Wisconsin			
Layer 1: Granular Material Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-027	04/11/19	27	Wisconsin			
Layer 1: Granular Material Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-028	04/11/19	28	Wisconsin			
Layer 1: Granular Material Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
310894-029	04/11/19	29	Wisconsin			
Layer 1: Fibrous Material Tan, Fibrous				None Detected	40% 40% 20%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Layer 2: Fibrous Material Brown, Fibrous				None Detected	40% 40% 20%	CELLULOSE FIBER MINERAL/GLASS WOOL 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: 19-400-037.2452

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310894-030	04/11/19	30	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Brown, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310894-031	04/11/19	31	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
Layer 2: Fibrous Material Brown, Fibrous				None Detected	40% CELLULOSE FIBER 40% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
310894-032	04/11/19	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

EPA Regulatory Limit: 1%
Total layers analyzed on order: 56

310894-04/19/19 04:54 PM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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

SCHNEIDER LABORATORIES GLOBAL, INC.

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

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fghraizi 4/16/2019 9:5 3:08 AM
UPS 1Z2E2899846 7728944

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	19-400-037.2452				
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	4/11/19								
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 4/15/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2452				
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 4/15/19 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	19-400-037.2452				
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	4/11/19								
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 4/15/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2452				
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	4/11/19								
32	↓								

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 4/15/19 700

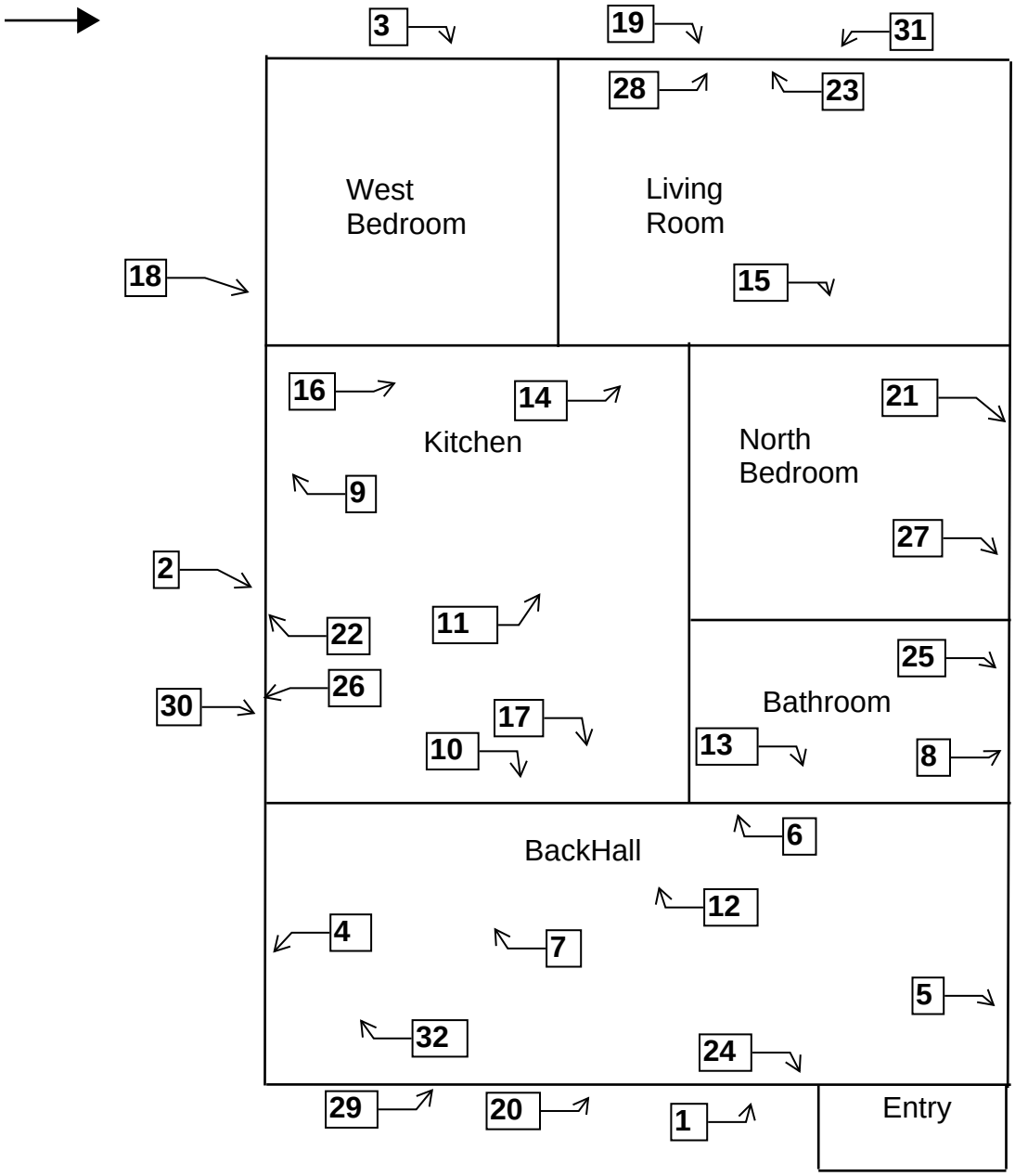
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

IX. FLOOR PLANS

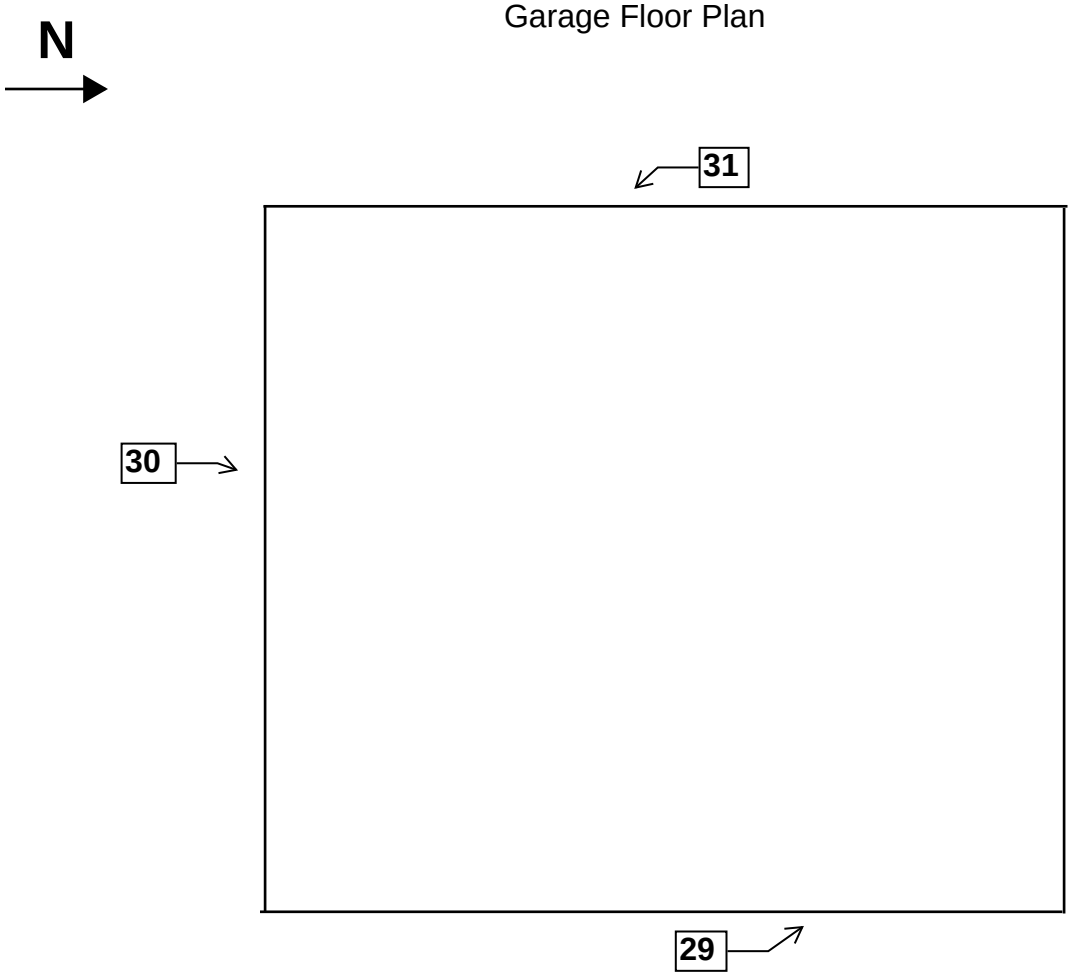
Two Family Dwelling
2325 North 25th Street
Milwaukee, Wisconsin

Basement Floor Plan



Two Family Dwelling
2325 North 25th Street
Milwaukee, Wisconsin

Garage 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

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

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

Follow Wisconsin law by making sure that you:

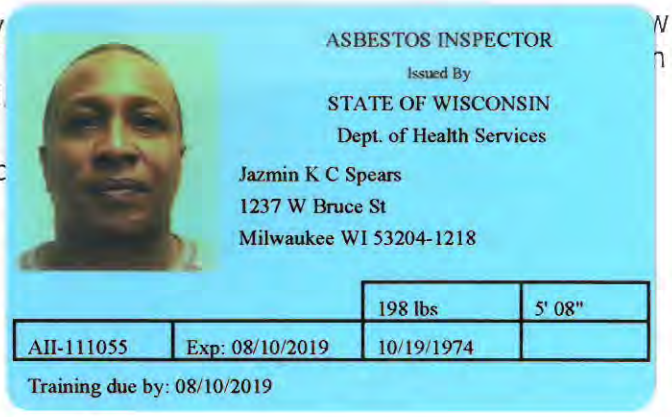
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

The Lead and Asbestos Certification Pro
(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
Two Family Dwelling
3802 North 22nd 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.: 19-400-037.3802
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
Pre-Demolition Inspection Report
Two Family Dwelling
3802 North 22nd Street
Milwaukee, Wisconsin

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

Jazmin Spears
Asbestos Inspector No. AII – 111055
Expiration Date: 8/10/19
Harenda Management Group

April 24, 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
3802 North 22nd Street
Milwaukee, WI

Harenda Management Group has completed the pre-demolition inspection of the two family dwelling at 3802 North 22nd Street, Milwaukee, Wisconsin, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection of the two family dwelling at 3802 North 22nd Street, Milwaukee, Wisconsin, prior to demolition. HMG conducted a visual inspection for asbestos and universal wastes. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in transite siding and exterior caulk sampled during the inspection. Asbestos was detected at less than 1% in basement floor tile as verified by point counting. Asbestos was assumed to be in the asphalt roofing and 2nd floor floor tile/mastic Results are in Section IV of this report.

TABLE OF CONTENTS

Pre-demolition Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 2
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Exclusions 6

VI. Limitations 6

VII. Pre-Demolition Environmental Checklist 7

VIII. Asbestos Laboratory Results 11

IX. Floor Plans 12

X. HMG Certifications 13

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the two family dwelling at 3802 North 22nd Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with transite and wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On April 12, 2019, HMG conducted an asbestos inspection of a two family dwelling, scheduled for mechanical demolition, located at 3802 North 22nd Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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
- Paper insulation
- Linoleum
- Drywall/joint compound
- Ceramic tile
- Texture
- Fiberboard
- Floor tile
- Flue packing
- Plaster
- Blown in insulation
- Window glazing compound
- Asphalt roofing

- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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	**Exterior – west wall – Transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – south wall – Transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – east wall – Transite siding**	**Positive 20% Chrysotile**	**MTP**
4	Exterior – west wall under transite siding – tar paper	Negative	MPT
5	Exterior – south wall under transite siding – tar paper	Negative	MPT
6	Exterior – east wall under transite siding – tar paper	Negative	MPT
7	Exterior – west wall under wood siding – paper insulation	Negative	MPI
8	Exterior – south wall under wood siding – paper insulation	Negative	MPI
9	Exterior – east wall under wood siding – paper insulation	Negative	MPI
10a	1st floor – front entry top layer – beige and brown linoleum	Negative	MFLen
10b	1st floor – front entry top layer – under beige and brown linoleum – tan mastic	Negative	MFLen
11	1st floor – front entry bottom layer – beige linoleum	Negative	MFLe
12a	1st floor – kitchen – west wall – drywall	Negative	MDW
12b	1st floor – kitchen – west wall – joint compound	Negative	MDW

Sample #	Location and Description	Results	Homogeneous Code
13a	2nd floor – stair – north wall – drywall	Negative	MDW
13b	2nd floor – stair – north wall – joint compound	Negative	MDW
14a	2nd floor – kitchen – west wall – drywall	Negative	MDW
14b	2nd floor – kitchen – west wall – joint compound	Negative	MDW
15	1st floor – west bedroom – under carpet – white and brown linoleum	Negative	MFLwn
16a	1st floor – bathroom top layer – brown linoleum	Negative	MFLn
16b	1st floor – bathroom top layer – under brown linoleum – yellow mastic	Negative	MFLn
17a	1st floor – bathroom 2nd layer – gray ceramic tile	Negative	MCTMy
17b	1st floor – bathroom 2nd layer – under gray ceramic tile – yellow mastic	Negative	MCTMy
17c	1st floor – bathroom 2nd layer – grout	Negative	MCTMy
18	1st floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
19	1st floor – bathroom – on tub – white caulk	Negative	MCLKw
20	1st floor – bathroom – on ceiling – texture	Negative	STX
21	1st floor – east bedroom – on north wall under panel – yellow mastic	Negative	MPMl
22	1st floor – east bedroom – on west wall under panel – yellow mastic	Negative	MPMl
23	1st floor – east bedroom – on west wall under panel – yellow mastic	Negative	MPMl
24	2nd floor – stair landing floor – fiberboard	Negative	MFB
25	2nd floor – kitchen floor 4th layer – fiberboard	Negative	MFB
26a	2nd floor – bathroom floor 2nd layer – cream linoleum	Negative	MFLc
26b	2nd floor – bathroom floor 3rd layer – fiberboard	Negative	MFB
26c	2nd floor – bathroom floor 3rd layer – under fiberboard - brown mastic	Negative	MFB
27	2nd floor – kitchen – northeast top layer – gray linoleum	Negative	MFLy
28	2nd floor – kitchen – northwest top layer – gray linoleum	Negative	MFLy
29a	2nd floor – bathroom top layer – gray linoleum	Negative	MFLy
29b	2nd floor – bathroom top layer – under gray linoleum 0-brown mastic	Negative	MFLy
29c	2nd floor – bathroom top layer – under brown mastic – fiber layer	Negative	MFLy
30	2nd floor – bathroom – on north wall – pink ceramic tile	Negative	MCTMp
31	2nd floor – bathroom – on tub – beige caulk	Negative	MCLKe
32a	Basement – north side – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
32a	POINT COUNT RESULT	Trace 0.25% Chrysotile	MF12l
32b	Basement – north side – under 12” yellow floor tile – tan mastic	Negative	MF12l
33a	Basement – south side – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
33a	POINT COUNT RESULT	Trace 0.5% Chrysotile	MF12l
33b	Basement – south side – under 12” yellow floor tile – tan mastic	Negative	MF12l
34a	Basement – west side – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
34a	POINT COUNT RESULT	Trace 0.5% Chrysotile	MF12l

Sample #	Location and Description	Results	Homogeneous Code
34b	Basement – west side – under 12" yellow floor tile – tan mastic	Negative	MF12l
35	2nd floor – dining room – on east wall – gray caulk	Negative	MCLKy
36a	Basement – on chimney – flue packing top layer	Negative	TFP
36b	Basement – on chimney – flue packing bottom layer	Negative	TFP
37a	1st floor – front entry – north wall – plaster base coat	Negative	SPl
37b	1st floor – front entry – north wall – plaster skim coat	Negative	SPl
38a	1st floor – living room – west wall – plaster base coat	Negative	SPl
38b	1st floor – living room – west wall – plaster skim coat	Negative	SPl
39a	1st floor – hall – south wall – plaster base coat	Negative	SPl
39b	1st floor – hall – south wall – plaster skim coat	Negative	SPl
40a	1st floor – west bedroom – north wall – plaster base coat	Negative	SPl
40b	1st floor – west bedroom – north wall – plaster skim coat	Negative	SPl
41a	2nd floor – kitchen – east wall – plaster base coat	Negative	SPl
41b	2nd floor – kitchen – east wall – plaster skim coat	Negative	SPl
42a	2nd floor – east bedroom – west wall – plaster base coat	Negative	SPl
42b	2nd floor – east bedroom – west wall – plaster skim coat	Negative	SPl
43a	2nd floor – dining room – east wall – plaster base coat	Negative	SPl
43b	2nd floor – dining room – east wall – plaster skim coat	Negative	SPl
44	Basement – on east window – glazing compound	Negative	MPG
45	2nd floor – living room – on west window – glazing compound	Negative	MPG
46	1st floor – east bedroom – on east window – glazing compound	Negative	MPG
47	**Exterior – on west window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**
48	**Exterior – on south window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**
49	**Exterior – on east window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls Under Transite Siding	800 SF	Good
Gray Caulk	MCLKy	Exterior on Windows & Doors	30 Windows & 4 Doors	Fair

Assumed Category I Non-Friable Asbestos Containing Material:

Material	Location	Approximate Quantity	Condition
Asphalt Shingles & Flashing	Roof	600 SF	Fair
Floor Tile & Mastic	2nd Floor Kitchen	100 SF	Fair

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Yellow Floor Tile	MF12l	Basement	200 SF	Fair

The 12" white floor tile contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM.

Note #1: The transite siding and gray caulk are category II 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 the transite siding and gray caulk be abated prior to demolition.

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MPI	Paper Insulation
MFLen	Beige & Brown Linoleum
MFLe	Beige Linoleum
MFLwn	White & Brown Linoleum
MFLy	Gray Linoleum
MDW	Drywall/Joint Compound
MCTMy	Gray Ceramic Tile
MCTMw	White Ceramic Tile
MCTMp	Pink Ceramic Tile
MCLKw	White Caulk
MCLKe	Beige Caulk
MCLKy	Gray Caulk
MPMl	Yellow Wall Panel Mastic
MFB	Fiberboard
MF12l	12" Yellow Floor Tile
MPG	Window Glazing 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 – 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

* 2 Gas Meters 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 #: 310891

Received 04/16/19
Analyzed 04/19/19
Reported 04/19/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310891-001	04/12/19	1	Wisconsin		
Layer 1: Hard Material White/Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310891-002	04/12/19	2	Wisconsin		
Layer 1: Hard Material White/Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310891-003	04/12/19	3	Wisconsin		
Layer 1: Hard Material White/Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
310891-004	04/12/19	4	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
310891-005	04/12/19	5	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
310891-006	04/12/19	6	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
310891-007	04/12/19	7	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
310891-008	04/12/19	8	Wisconsin		
Layer 1: Fibrous Material Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% 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: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310891-009	04/12/19	9	Wisconsin		
Layer 1: Fibrous Material				None Detected	60% CELLULOSE FIBER
Black, Bituminous/Fibrous					40% NON FIBROUS MATERIAL
310891-010	04/12/19	10	Wisconsin		
Layer 1: Flooring				None Detected	30% CELLULOSE FIBER
Beige, Org.Bound/Fibrous					70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	2% CELLULOSE FIBER
Beige, Soft					98% NON FIBROUS MATERIAL
310891-011	04/12/19	11	Wisconsin		
Layer 1: Flooring				None Detected	20% MINERAL/GLASS WOOL
Beige, Org.Bound/Fibrous					80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310891-012	04/12/19	12	Wisconsin		
Layer 1: Drywall				None Detected	10% CELLULOSE FIBER
White, Powdery					90% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
310891-013	04/12/19	13	Wisconsin		
Layer 1: Drywall				None Detected	10% CELLULOSE FIBER
White, Powdery					90% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
310891-014	04/12/19	14	Wisconsin		
Layer 1: Drywall				None Detected	10% CELLULOSE FIBER
White, Powdery					90% NON FIBROUS MATERIAL
Layer 2: Joint Compound				None Detected	100% NON FIBROUS MATERIAL
White, Granular					
310891-015	04/12/19	15	Wisconsin		
Layer 1: Flooring				None Detected	30% CELLULOSE FIBER
White/Brown/Black, Org.Bound/Fibrous					70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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

Project:
Location: Wisconsin
Number: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
310891-016	04/12/19	16	Wisconsin			
Layer 1: Flooring				None Detected	20%	CELLULOSE FIBER
Gray/White, Org.Bound/Fibrous					80%	NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
Layer 2: Mastic				None Detected	100%	NON FIBROUS MATERIAL
Yellow, Soft						
310891-017	04/12/19	17	Wisconsin			
Layer 1: Flooring				None Detected	100%	NON FIBROUS MATERIAL
White, Hard						
Layer 2: Mastic				None Detected	2%	CELLULOSE FIBER
Yellow, Soft					98%	NON FIBROUS MATERIAL
Layer 3: Granular Material				None Detected	100%	NON FIBROUS MATERIAL
Gray, Granular						
310891-018	04/12/19	18	Wisconsin			
Layer 1: Flooring				None Detected	100%	NON FIBROUS MATERIAL
White/Beige, Hard						
310891-019	04/12/19	19	Wisconsin			
Layer 1: Caulk				None Detected	100%	NON FIBROUS MATERIAL
White, Rubbery						
310891-020	04/12/19	20	Wisconsin			
Layer 1: Textured Material				None Detected	100%	NON FIBROUS MATERIAL
White, Granular						
310891-021	04/12/19	21	Wisconsin			
Layer 1: Glue				None Detected	100%	NON FIBROUS MATERIAL
Yellow, Brittle						
310891-022	04/12/19	22	Wisconsin			
Layer 1: Glue				None Detected	100%	NON FIBROUS MATERIAL
Yellow, Brittle						
310891-023	04/12/19	23	Wisconsin			
Layer 1: Glue				None Detected	100%	NON FIBROUS MATERIAL
Yellow, Brittle						

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

Project:
Location: Wisconsin
Number: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310891-024	04/12/19	24	Wisconsin		
Layer 1: Tile Gray/Green, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310891-025	04/12/19	25	Wisconsin		
Layer 1: Fibrous Material Green, Fibrous				None Detected	30% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
310891-026	04/12/19	26	Wisconsin		
Layer 1: Tile Beige, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
Layer 3: Mastic Brown, Brittle				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
310891-027	04/12/19	27	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310891-028	04/12/19	28	Wisconsin		
Layer 1: Flooring White, Org.Bound/Fibrous				None Detected	20% MINERAL/GLASS WOOL 80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
310891-029	04/12/19	29	Wisconsin		
Layer 1: Tile Beige/Green, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Fibrous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% 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: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials	
310891-030	04/12/19	30	Wisconsin				
Layer 1: Flooring Beige, Hard				None Detected		100%	NON FIBROUS MATERIAL
310891-031	04/12/19	31	Wisconsin				
Layer 1: Caulk White, Rubbery				None Detected		100%	NON FIBROUS MATERIAL
310891-032	04/12/19	32	Wisconsin				
Layer 1: Tile Yellow, Organically Bound				2%	CHRYSOTILE	98%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected		100%	NON FIBROUS MATERIAL
310891-033	04/12/19	33	Wisconsin				
Layer 1: Tile Yellow, Organically Bound				2%	CHRYSOTILE	98%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected		100%	NON FIBROUS MATERIAL
310891-034	04/12/19	34	Wisconsin				
Layer 1: Tile Yellow, Organically Bound				2%	CHRYSOTILE	98%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected		100%	NON FIBROUS MATERIAL
310891-035	04/12/19	35	Wisconsin				
Layer 1: Caulk Gray, Rubbery				None Detected		100%	NON FIBROUS MATERIAL
310891-036	04/12/19	36	Wisconsin				
Layer 1: Granular Material Gray, Granular				None Detected		100%	NON FIBROUS MATERIAL
Layer 2: Brittle Material Gray, Brittle				None Detected		95% 5%	NON FIBROUS MATERIAL WOLLASTONITE

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Project:
Location: Wisconsin
Number: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310891-037	04/12/19	37	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-038	04/12/19	38	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-039	04/12/19	39	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-040	04/12/19	40	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-041	04/12/19	41	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-042	04/12/19	42	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.3802

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310891-043	04/12/19	43	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% CELLULOSE FIBER 95% NON FIBROUS MATERIAL 3% SYNTHETIC FIBER
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
310891-044	04/12/19	44	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	98% NON FIBROUS MATERIAL 2% WOLLASTONITE
310891-045	04/12/19	45	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	98% NON FIBROUS MATERIAL 2% WOLLASTONITE
310891-046	04/12/19	46	Wisconsin		
Layer 1: Brittle Material Beige, Brittle				None Detected	98% NON FIBROUS MATERIAL 2% WOLLASTONITE
310891-047	04/12/19	47	Wisconsin		
Layer 1: Caulk Gray, Brittle				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
310891-048	04/12/19	48	Wisconsin		
Layer 1: Caulk Gray, Brittle				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
310891-049	04/12/19	49	Wisconsin		
Layer 1: Caulk Gray, Brittle				4% CHRYSOTILE	96% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 71

310891-04/19/19 06:14 PM

Analyst **Jada Wilson**

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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fghraizi 4/16/2019 9:5 5:08 AM
UPS 1Z2E2899846 7728944

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	19-400-037.3802				
Collected By					

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

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

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

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

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

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

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

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

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

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

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

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	4/12/19								
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 4/15/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3802				
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	4/12/19								
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 4/15/19 1700

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Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3802				
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	4/12/19								
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 4/15/19 1700

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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	19-400-037.3802				
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	4/12/19								
32	↓								
33									
34									
35									
36									
37									
38									
39									
40									

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

[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 4/15/19 1200

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
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Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3802				
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	4/12/19								
42	↓								
43									
44									
45									
46									
47									
48									
49									

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 4/15/19 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 #: 311823

Received 04/22/19
Analyzed 04/23/19
Reported 04/23/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.3802

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	
311823-001	04/12/19	32	Wisconsin				
Layer 1:	Tile			0.25%	CHRYSOTILE	99.75%	NON FIBROUS MATERIAL
Yellow, Organically Bound, Homogenous							
311823-002	04/12/19	33	Wisconsin				
Layer 1:	Tile			0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
Yellow, Organically Bound, Homogenous							
311823-003	04/12/19	34	Wisconsin				
Layer 1:	Tile			0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
Yellow, Organically Bound, Homogenous							

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

311823-04/23/19 04:34 PM

Analyst **Jada Wilson**

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.

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

311823 S 3
V:\311\311823
vthrasher 4/22/2019 10:15:00 AM
Hand Delivered

Submitting Co	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order 310891			
Project Number	19-400-037.3802				
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]
32	4/12/19		Tile						
33	↓		↓						
34	↓		↓						

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)

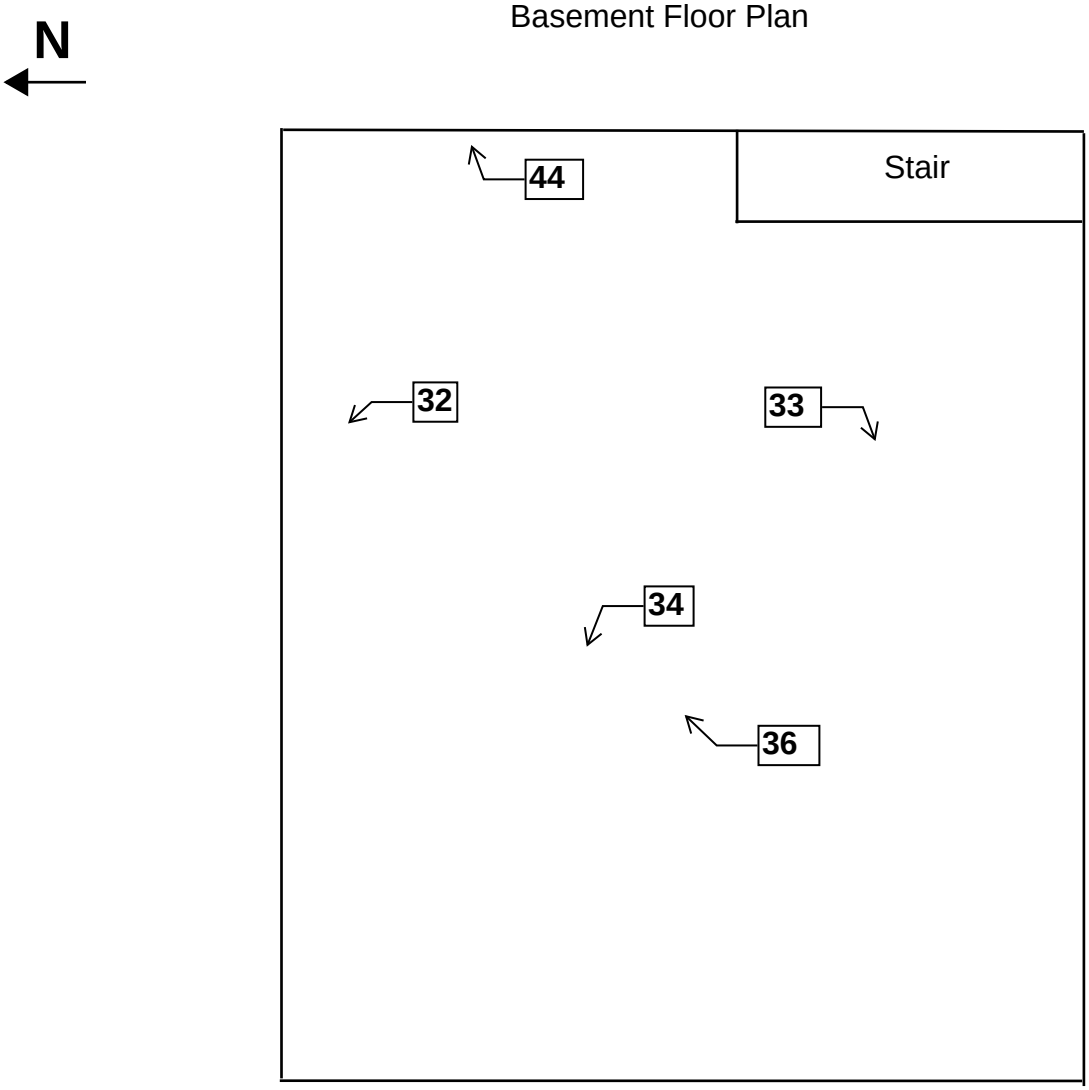
Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 4/22/19 7:45

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

IX. FLOOR PLANS

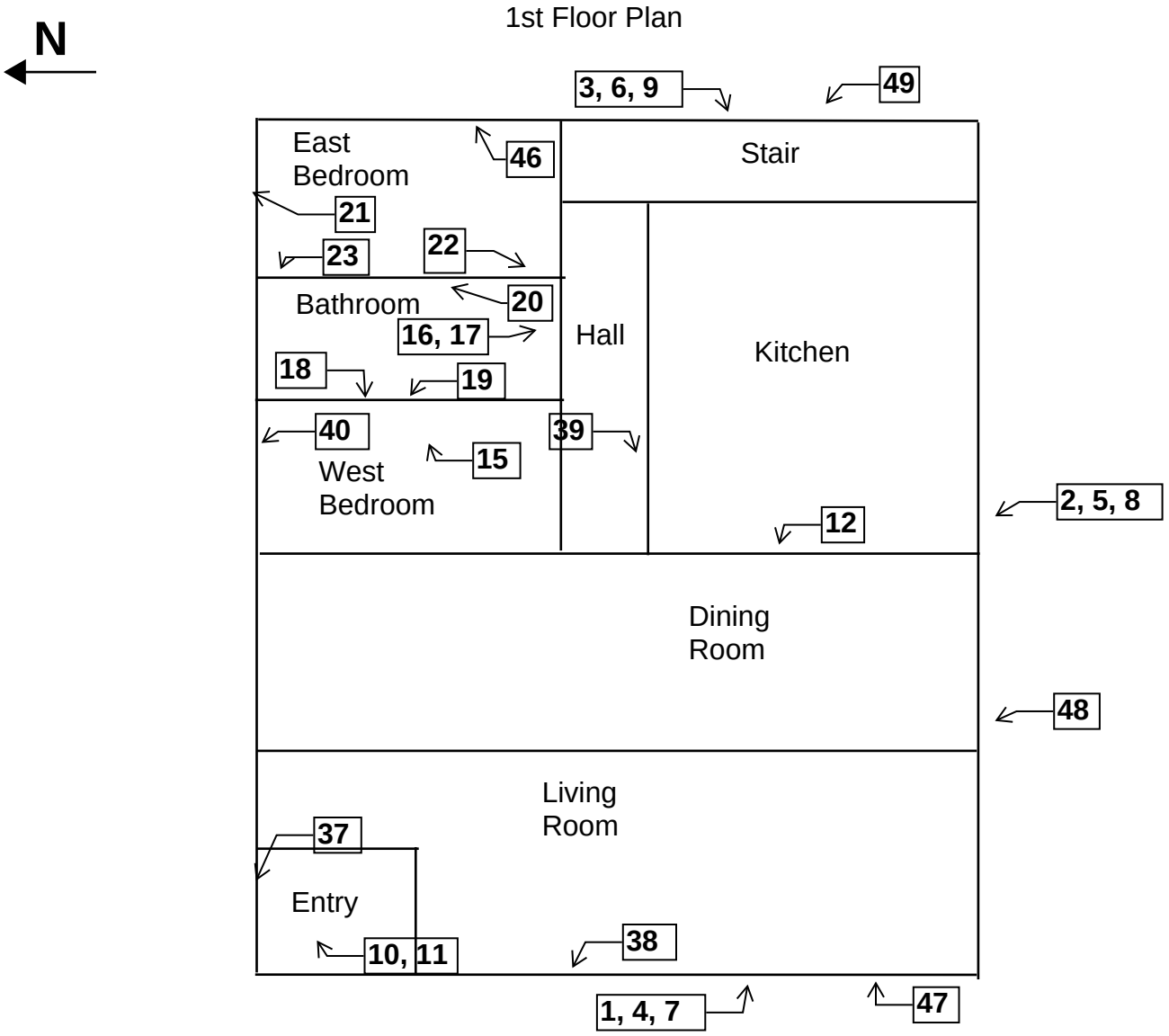
Two Family Dwelling
3802 North 22nd Street
Milwaukee, Wisconsin

Basement Floor Plan



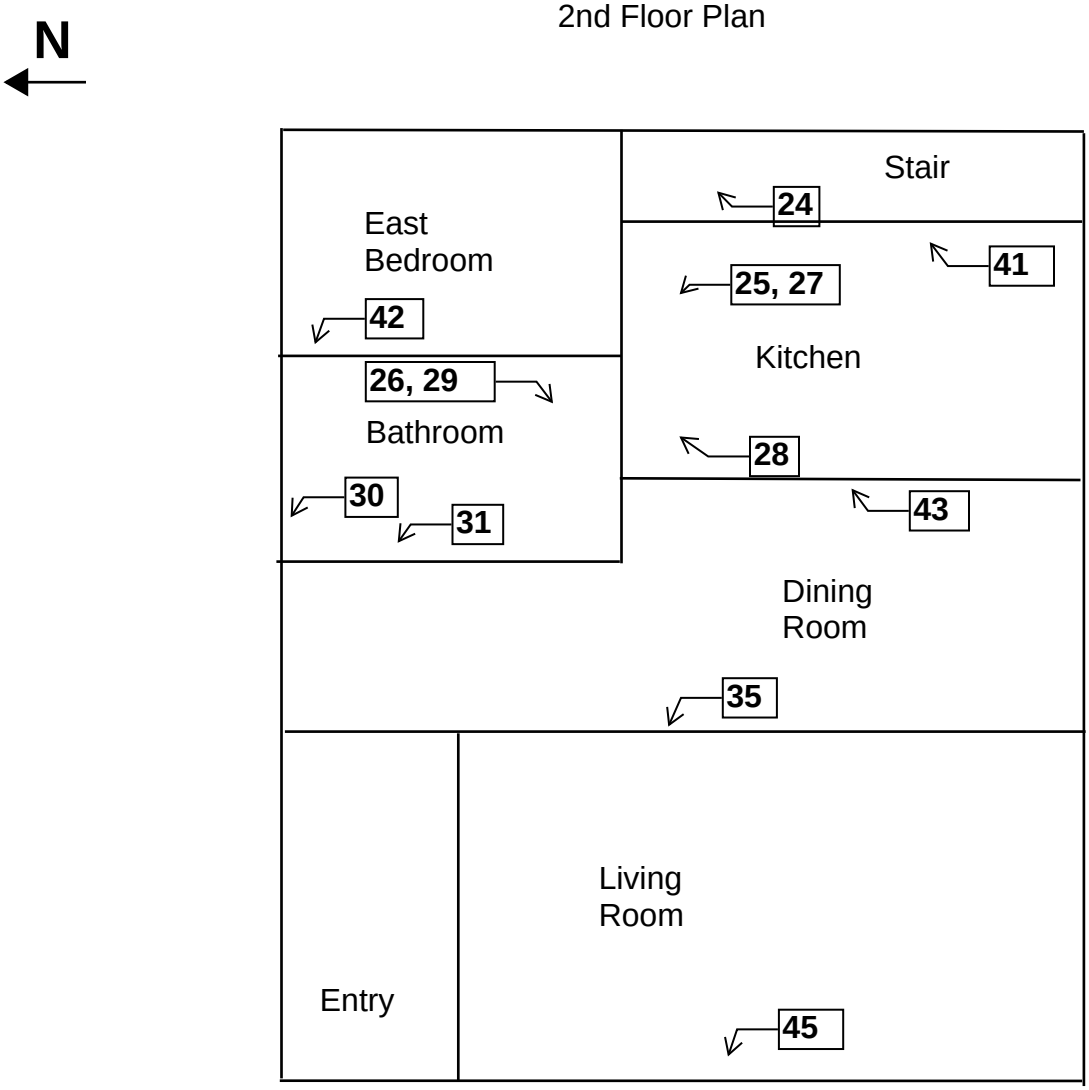
Two Family Dwelling
3802 North 22nd Street
Milwaukee, Wisconsin

1st Floor Plan



Two Family Dwelling
3802 North 22nd 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

JAZMIN K C SPEARS
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-111055

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

Follow Wisconsin law by making sure that you:

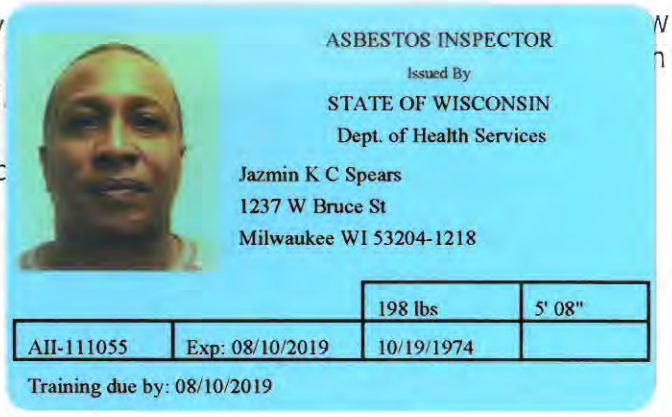
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

The Lead and Asbestos Certification Pro
(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
2821 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.: 18-400-024.2821
Inspector: Cecil Trawick
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
2821 North 25th 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

December 20, 2018

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

RE: Deconstruction Inspection Report
2821 North 25th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2821 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 2821 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 exterior transite siding, basement flue packing, basement aircell and magnesia insulation, and 1st and 2nd floor linoleum 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.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Lead Paint Inspection 7
A. Methods
B. Component Testing Results

VI. Exclusions 8

VII. Limitations 9

VIII. Pre-Demolition Environmental Checklist 10

IX. Asbestos Laboratory Results 13

X. Lead Laboratory Results 15

XI. Floor Plans 16

XII. HMG Certifications 17

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling and garage at 2821 North 25th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite, 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 October 19, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling and garage, scheduled for deconstruction, located at 2821 North 25th 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:

- Transite siding
- Asphalt shingle siding
- Paper insulation
- Tar paper
- Caulk
- Blown in insulation
- Window glazing compound
- Drywall/joint compound
- Fiberboard
- Flue packing
- Ceramic tile
- Aircell pipe insulation

- Magnesia insulation
- Plaster
- Texture
- Floor tile
- Linoleum
- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 – north wall – transite siding**	**Positive 25% Chrysotile**	**MTP**
2	**Exterior – east wall – transite siding**	**Positive 25% Chrysotile**	**MTP**
3	**Exterior – south wall – transite siding**	**Positive 25% Chrysotile**	**MTP**

Sample #	Location and Description	Results	Homogeneous Code
4	Exterior – north wall under transite siding – red and black asphalt shingle siding	Negative	MSSrk
5	Exterior – east wall under transite siding – red and black asphalt shingle siding	Negative	MSSrk
6	Exterior – south wall under transite siding – red and black asphalt shingle siding	Negative	MSSrk
7	Exterior – east wall under asphalt shingle siding – black paper insulation	Negative	MPIk
8	Exterior – north wall under asphalt shingle siding – black paper insulation	Negative	MPIk
9	Exterior – south wall under asphalt shingle siding – black paper insulation	Negative	MPIk
10	Exterior – north wall under wood siding – pink paper insulation	Negative	MPIp
11	Exterior – south wall under wood siding – pink paper insulation	Negative	MPIp
12	Exterior – east wall under wood siding – pink paper insulation	Negative	MPIp
13a	Exterior – on north wall – tar paper	Negative	MPT
13b	Exterior – on north wall – on tar paper – tar	Negative	MPT
14	Exterior – on north window – pink caulk	Negative	MCLKp
15	Exterior – on east window – pink caulk	Negative	MCLKp
16	Exterior – on south window – pink caulk	Negative	MCLKp
17	1st floor – southeast living room – in south wall – blown in insulation	Negative	MBI
18	1st floor – northeast living room – in north wall – blown in insulation	Negative	MBI
19	1st floor – dining room – in north wall – blown in insulation	Negative	MBI
20	1st floor – northeast living room – on east window – glazing compound	Negative	MPG
21	1st floor – dining room – on north window – glazing compound	Negative	MPG
22	2nd floor – southeast bedroom – on east window – glazing compound	Negative	MPG
23	1st floor – southeast living room – west wall – drywall	Negative	MDW
24	1st floor – northeast living room – southeast wall – drywall	Negative	MDW
25a	2nd floor – southwest bedroom – south wall – joint compound	Negative	MDW
25b	2nd floor – southwest bedroom – south wall – drywall	Negative	MDW
26a	2nd floor – southeast bedroom – south wall – fiberboard	Negative	MFB
26b	2nd floor – southeast bedroom – south wall – on fiberboard – tar	Negative	MFB
27a	2nd floor – southeast bedroom – north wall – fiberboard	Negative	MFB
27b	2nd floor – southeast bedroom – north wall – on fiberboard – tar	Negative	MFB
28a	2nd floor – northeast bedroom – north wall – fiberboard	Negative	MFB
28b	2nd floor – northeast bedroom – north wall – on fiberboard – tar	Negative	MFB
29	**Basement – on chimney – flue packing**	**Positive 8% Chrysotile**	**TFP**
30a	1st floor – bathroom floor – tan and white ceramic tile	Negative	MCTMtw
30b	1st floor – bathroom floor – grout	Negative	MCTMtw

Sample #	Location and Description	Results	Homogeneous Code
31	**Basement – north side - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
32	**Basement – east side - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
33	**Basement – east side - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
34	1st floor – northeast living room – north wall – plaster	Negative	SPl
35a	1st floor – southeast living room – west wall – plaster skim coat	Negative	SPl
35b	1st floor – southeast living room – west wall – plaster base coat	Negative	SPl
36a	1st floor – dining room – west wall – plaster skim coat	Negative	SPl
36b	1st floor – dining room – west wall – plaster base coat	Negative	SPl
37a	1st floor – kitchen – south wall – plaster skim coat	Negative	SPl
37b	1st floor – kitchen – south wall – plaster base coat	Negative	SPl
38a	2nd floor – stair – west wall – joint compound layer	Negative	SPl
38b	2nd floor – stair – west wall – plaster skim coat	Negative	SPl
38c	2nd floor – stair – west wall – plaster base coat	Negative	SPl
39	**Basement – east side – magnesia insulation**	**Positive 40% Chrysotile**	**TM**
40	**Basement – east side – magnesia insulation**	**Positive 40% Chrysotile**	**TM**
41	**Basement – north side – magnesia insulation**	**Positive 40% Chrysotile**	**TM**
42	2nd floor – stair – on north wall – texture	Negative	STX
43	2nd floor – stair – on east wall – texture	Negative	STX
44	2nd floor – hall – on north wall – texture	Negative	STX
45	1st floor – front entry – 12" black and white floor tile	Negative	MF12kw
46	1st floor – southeast living room – 12" black and white floor tile	Negative	MF12kw
47	1st floor – northeast living room – 12" black and white floor tile	Negative	MF12kw
48a	1st floor – kitchen west side – 12" white floor tile	Negative	MF12w
48b	1st floor – kitchen west side – under 12" white floor tile – yellow mastic	Negative	MF12w
49a	1st floor – kitchen east side – 12" white floor tile	Negative	MF12w
49b	1st floor – kitchen east side – under 12" white floor tile – yellow mastic	Negative	MF12w
50a	1st floor – hall top layer – 12" white floor tile	Negative	MF12w
50b	1st floor – hall top layer – under 12" white floor tile – yellow mastic	Negative	MF12w
51	2nd floor – southeast bedroom top layer – 12" brown floor tile	Negative	MF12n
52	2nd floor – northeast bedroom top layer – 12" brown floor tile	Negative	MF12n
53	2nd floor – hall top layer – 12" brown floor tile	Negative	MF12n
54	1st floor – dining room – 12" gray floor tile	Negative	MF12y
55a	1st floor – hall 2nd layer – 12" yellow floor tile	Negative	MF12l
55b	1st floor – hall 2nd layer – under 12" yellow floor tile – yellow mastic	Negative	MF12l
56	1st floor – northwest bedroom – south side top layer – 12" brown and tan floor tile	Negative	MF12nt
57	1st floor – northwest bedroom – north side top layer – 12" brown and tan floor tile	Negative	MF12nt

Sample #	Location and Description	Results	Homogeneous Code
58	1st floor – northwest bedroom – center top layer – 12" brown and tan floor tile	Negative	MF12nt
59	**2nd floor – northeast bedroom – 2nd layer – red and black linoleum**	**Positive 25% Chrysotile**	**MFLrk**
60	**2nd floor – northeast bedroom – 3rd layer – tan and brown linoleum**	**Positive 25% Chrysotile**	**MFLtn**
61	2nd floor – northeast bedroom – 4th layer – green and white linoleum	Negative	MFLgw
62	2nd floor – northeast bedroom – 5th layer – white and gold linoleum	Negative	MFLwd
63a	2nd floor – northeast bedroom – 6th layer – green and yellow linoleum	Negative	MFLgl
63b	2nd floor – northeast bedroom – 6th layer – under green and yellow linoleum – brown mastic	Negative	MFLgl
64	1st floor – northwest bedroom – east side 2nd layer – tan linoleum	Negative	MFLt
65	1st floor – northwest bedroom – south side 2nd layer – tan linoleum	Negative	MFLt
66	1st floor – northwest bedroom – north side 2nd layer – tan linoleum	Negative	MFLt
67	**2nd floor – southeast bedroom – 2nd layer – green and gold linoleum**	**Positive 25% Chrysotile**	**MFLgd**
68	2nd floor – southeast bedroom – 3rd layer – brown and yellow linoleum	Negative	MFLnl
69	2nd floor – southeast bedroom – 4th layer – white and yellow linoleum	Negative	MFLwl
70	**1st floor – northwest bedroom – south side 3rd layer – black and yellow linoleum**	**Positive 25% Chrysotile**	**MFLkl**
71	**1st floor – northwest bedroom – north side 3rd layer – black and yellow linoleum**	**Positive 25% Chrysotile**	**MFLkl**
72	**1st floor – northwest bedroom – center 3rd layer – black and yellow linoleum**	**Positive 25% Chrysotile**	**MFLkl**
73	2nd floor – bathroom – brown and orange linoleum	Negative	MFLno
74a	Roof – southeast top layer – green asphalt shingle	Negative	MRSg
74b	Roof – southeast 2nd layer – green and white asphalt shingle	Negative	MRSgw
74c	Roof – southeast 3rd layer – red asphalt shingle	Negative	MRSr
74d	Roof – southeast 4th layer – black asphalt shingle	Negative	MRSk
75a	Roof – southwest top layer – green asphalt shingle	Negative	MRSg
75b	Roof – southwest 2nd layer – green and white asphalt shingle	Negative	MRSgw
75c	Roof – southwest 3rd layer – red asphalt shingle	Negative	MRSr
75d	Roof – southwest 4th layer – black asphalt shingle	Negative	MRSk
76a	Roof – north top layer – green asphalt shingle	Negative	MRSg
76b	Roof – north 2nd layer – green and white asphalt shingle	Negative	MRSgw
76c	Roof – north 3rd layer – red asphalt shingle	Negative	MRSr
76d	Roof – north 4th layer – black asphalt shingle	Negative	MRSk
77	Garage – exterior south wall – under vinyl siding – brown asphalt shingle siding	Negative	MSSn
78	Garage – exterior west wall – under vinyl siding – brown asphalt shingle siding	Negative	MSSn
79	Garage – exterior east wall – under vinyl siding – brown asphalt shingle siding	Negative	MSSn

Eight (8) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	House Exterior Walls	1,700 SF	Good
Flue Packing	TFP	Basement on Chimney	2 SF	Poor
<5" Diameter Aircell Pipe Insulation	TA5	Basement on North, East, & West Sides	30 SF	Poor
Magnesia Insulation	TM	Basement on North, East, & West Sides	8 SF	Poor
Red & Black Linoleum	MFLrk	2nd Floor Northeast Bedroom 2nd Layer	130 SF	Fair
Tan & Brown Linoleum	MFLtn	2nd Floor Northeast Bedroom 3rd Layer	130 SF	Fair
Green & Gold Linoleum	MFLgd	2nd Floor Southeast Bedroom 2nd Layer	140 SF	Fair
Black & Yellow Linoleum	MFLkl	1st Floor Northwest Bedroom 3rd Layer	190 SF	Fair

Assumed Asbestos Containing Materials

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

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 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.

Mote#4: Additional aircell and magnesia may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MTP	Transite
MSSrk	Red & Black Asphalt Shingle Siding
MSSn	Brown Asphalt Shingle Siding
MPIk	Black Paper Insulation
MPIp	Pink Paper Insulation
MPT	Tar Paper
MCLKp	Pink Caulk
MBI	Blown in Insulation
MPG	Glazing Compound
MDW	Drywall/Joint Compopund

Homogeneous Material Codes

MFB	Fiberboard
MCTMtw	Tan & White Ceramic Tile
MF12kw	12” Black & White Floor Tile
MF12w	12” White Floor Tile
MF12n	12” Brown Floor Tile
MF12y	12” Gray Floor Tile
MF12l	12” Yellow Floor Tile
MF12nt	12” Brown & Tan Floor Tile
MFLrk	Red & Black Linoleum
MFLtn	Tan & Brown Linoleum
MFLgw	Green & White Linoleum
MFLwd	White & Gold Linoleum
MFLgl	Green & Yellow Linoleum
MFLt	Tan Linoleum
MFLgd	Green & Gold Linoleum
MFLnl	Brown & Yellow Linoleum
MFLwl	White & Yellow Linoleum
MFLkl	Black & Yellow Linoleum
MFLno	Brown & Orange Linoleum
MRSg	Green Asphalt Shingle
MRSgw	Green & White Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
TFP	Flue Packing
TA5	<5” Diameter Aircell Pipe Insulation
TM	Magnesia Insulation

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 2821 North 25th Street, Milwaukee, Wisconsin, took place on October 19, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. 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: 2821 North 25th Street, Milwaukee, Wisconsin

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

Exterior: 2821 North 25th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2821 North 25th Street, Milwaukee, Wisconsin **Date: 10/19/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	Column	Block	White	0.0470

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

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

N/A	Transformers
N/A	Capacitors (appliances, electronic equipment)
N/A	Heat Transfer Equipment
N/A	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
4	Junk Auto Tires – Back Yard
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. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
002	2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
003	3	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3 Binder
004	4	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
005	5	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
006	6	Homogeneous	Multi-Color Roofing	Asbestos Not Present	Cellulose 40	Tar Sand
007	7	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar

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Milwaukee, WI 53204

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
010	10	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
011	11	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
012	12	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
013	13	Layered	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013a		Layered	Black Tar	Asbestos Not Present	NA		Tar
014	14	Homogeneous	Pink Window Glazing	Asbestos Not Present	Talc	5	CaCO3 Binder
015	15	Homogeneous	Pink Window Glazing	Asbestos Not Present	Talc	5	CaCO3 Binder
016	16	Homogeneous	Pink Window Glazing	Asbestos Not Present	Talc	5	CaCO3 Binder
017	17	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
018	18	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
019	19	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	

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Milwaukee, WI 53204

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020	20	Homogeneous	White Caulk	Asbestos Not Present	NA		CaCO3 Binder
021	21	Homogeneous	Gray Caulk	Asbestos Not Present	NA		CaCO3 Binder
022	22	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA		CaCO3 Binder
023	23	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
024	24	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
025	25	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025a		Layered	White Plaster	Asbestos Not Present	NA	Gypsum Perlite
026	26	Layered	Tan Paper	Asbestos Not Present	Cellulose 100	
026a		Layered	Black Tar	Asbestos Not Present	NA	Tar
027	27	Layered	Tan Paper	Asbestos Not Present	Cellulose 100	
027a		Layered	Black Tar	Asbestos Not Present	NA	Tar
028	28	Layered	Tan Paper	Asbestos Not Present	Cellulose 100	
028a		Layered	Black Tar	Asbestos Not Present	NA	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	29	Homogeneous	Gray Caulk	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
030	30	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
030a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
031	31	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
032	32	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
033	33	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
034	34	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	5	CaCO3 Sand
035	35	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint
035a		Layered	Gray Plaster	Asbestos Not Present	Hair	5	CaCO3 Sand
036	36	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint
036a		Layered	Gray Plaster	Asbestos Not Present	Hair	5	CaCO3 Sand
037	37	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037a		Layered	Gray Plaster	Asbestos Not Present	Hair 5	CaCO3 Sand
038	38	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
038a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
038b		Layered	Gray Plaster	Asbestos Not Present	Hair 5	CaCO3 Sand
039	39	Homogeneous	White Insulation	Asbestos Present Chrysotile 40	NA	CaCO3 Gypsum
040	40	Homogeneous	White Insulation	Asbestos Present Chrysotile 40	NA	CaCO3 Gypsum
041	41	Homogeneous	White Insulation	Asbestos Present Chrysotile 40	NA	CaCO3 Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
043	43	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
044	44	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
045	45	Homogeneous	Black Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
046	46	Homogeneous	Black Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
047	47	Homogeneous	Black 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
048	48	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
048a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
049	49	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
049a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
050	50	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
050a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
051	51	Homogeneous	Brown 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
052	52	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
053	53	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
054	54	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055	55	Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
056	56	Homogeneous	Brown Floor Tile	Asbestos Not Present	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.

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
057	57	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
058	58	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
059	59	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
060	60	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
061	61	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
062	62	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl
063	63	Layered	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
063a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
064	64	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 30	CaCO3 Vinyl
065	65	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl
066	66	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 15	CaCO3 Vinyl
067	67	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
068	68	Homogeneous	Cream Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
069	69	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
070	70	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
071	71	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
072	72	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	CaCO3 Vinyl
073	73	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
074	74	Layered	Green Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
074a		Layered	Green Shingle	Asbestos Not Present	Cellulose 40	Tar Sand

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. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
074b		Layered	Red Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
074c		Layered	Black Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
075	75	Layered	Green Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
075a		Layered	Green Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
075b		Layered	Red Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
075c		Layered	Black Shingle	Asbestos Not Present	Cellulose	50	Tar 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. 301372
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
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
Project Location: Milwaukee, WI
Project Number: 18-400-024.2821

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
076	76	Layered	Green Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
076a		Layered	Green Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
076b		Layered	Red Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
076c		Layered	Black Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
077	77	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
078	78	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
079	79	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar 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.	301372	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	10/29/2018		
Received By:	Taylor Van Syckle		
Date Analyzed:	11/16/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2821

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

Dee Ammerman, Analyst

11/16/2018
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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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

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. 301512	
(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:	18-400-024.2821
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	Fed Ex	[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		☐ 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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www.QuanTEM.com

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 30372
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. 301312
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	☑				

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. 361372
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	☒				

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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2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
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For Lab Use Only
Lab No. 20372
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	☑				
0		☐				
1		☐				
2		☐				
3		☐				
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"

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: 301365
Date Received: 10/29/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 11/05/18

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.: 18-400-024.2821

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0470	0.00496	%	10/30/18 11:38	P EPA 7000B (1)

Authorized Signature: Cherry Rossen

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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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 3013485	
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:	18-400-024.2821

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	10/26/18 1200	FedEx	[illegible]	10-29-18 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2														
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

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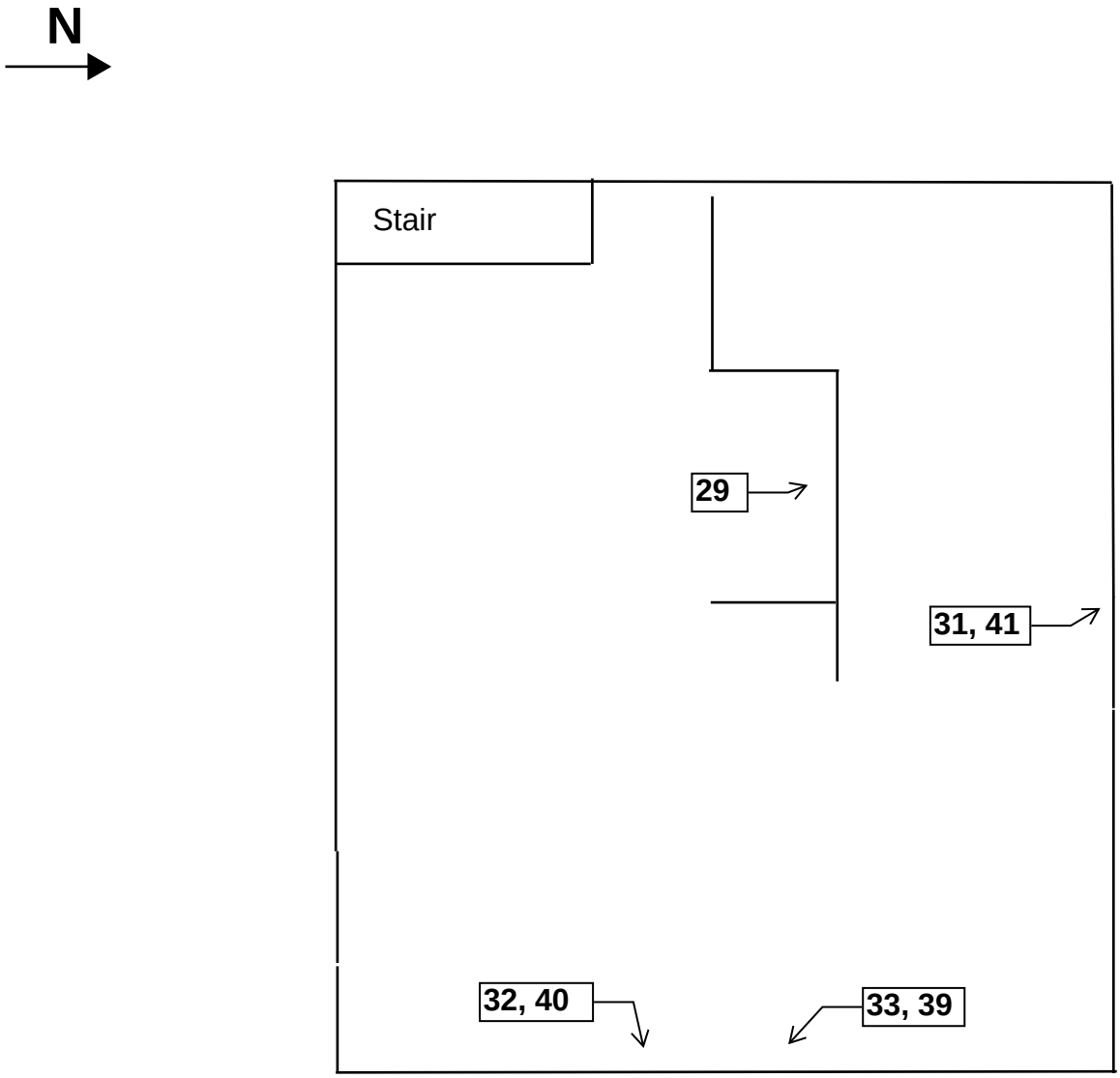
XI. FLOOR PLANS

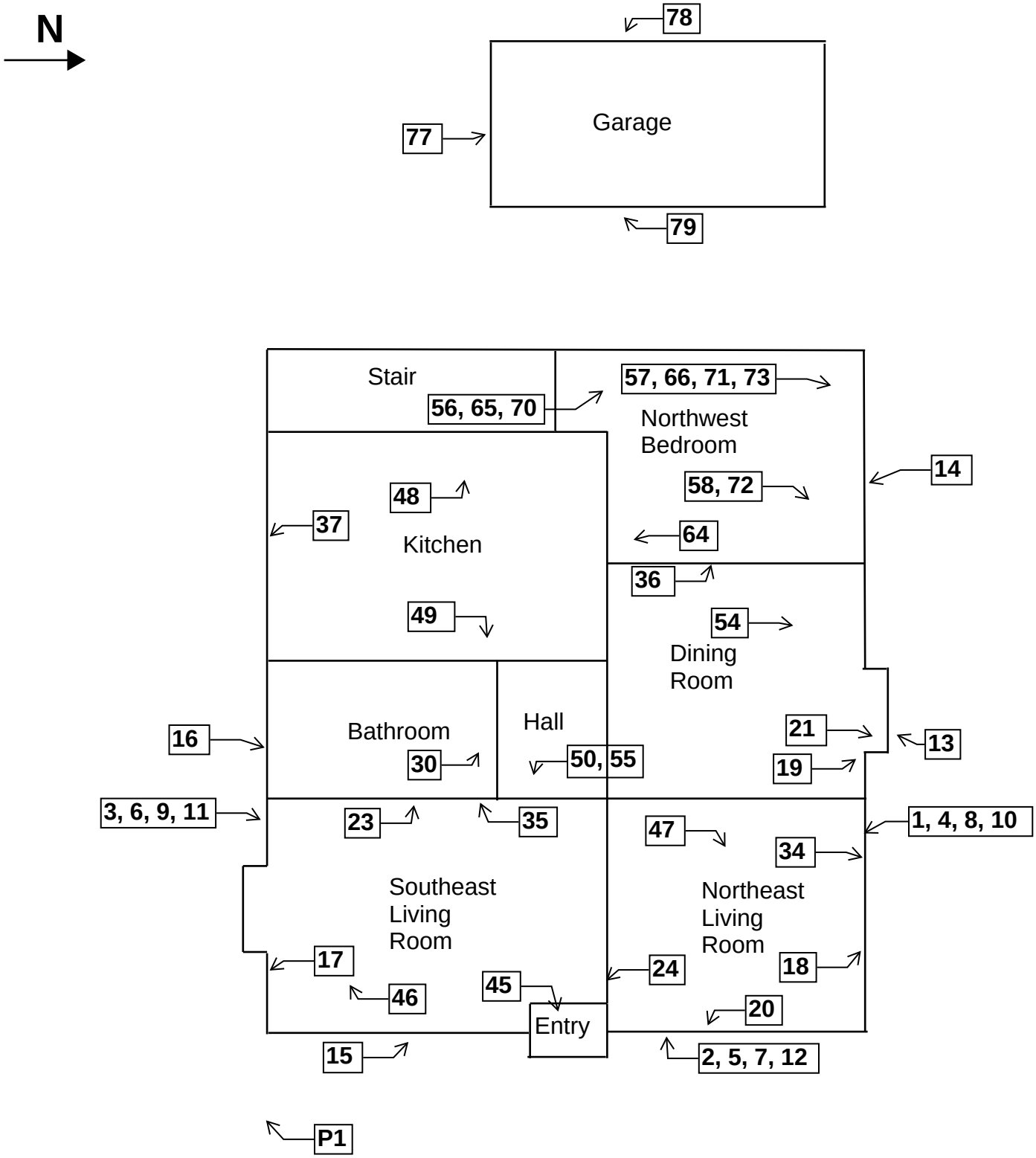
One Family Dwelling
2821 North 25th Street
Milwaukee, Wisconsin

Basement Floor Plan



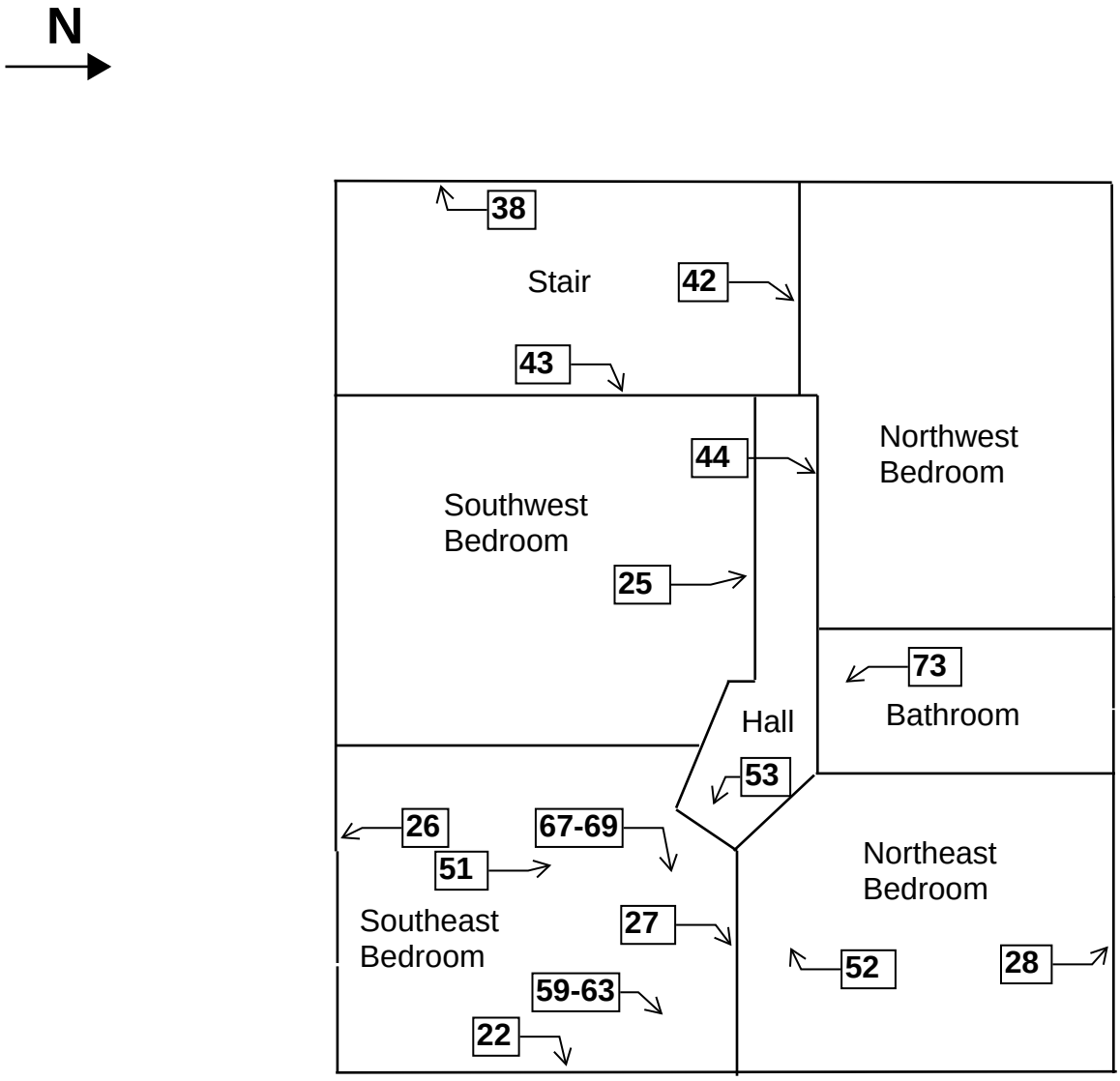
One Family Dwelling
2821 North 25th Street
Milwaukee, Wisconsin

1st Floor Plan



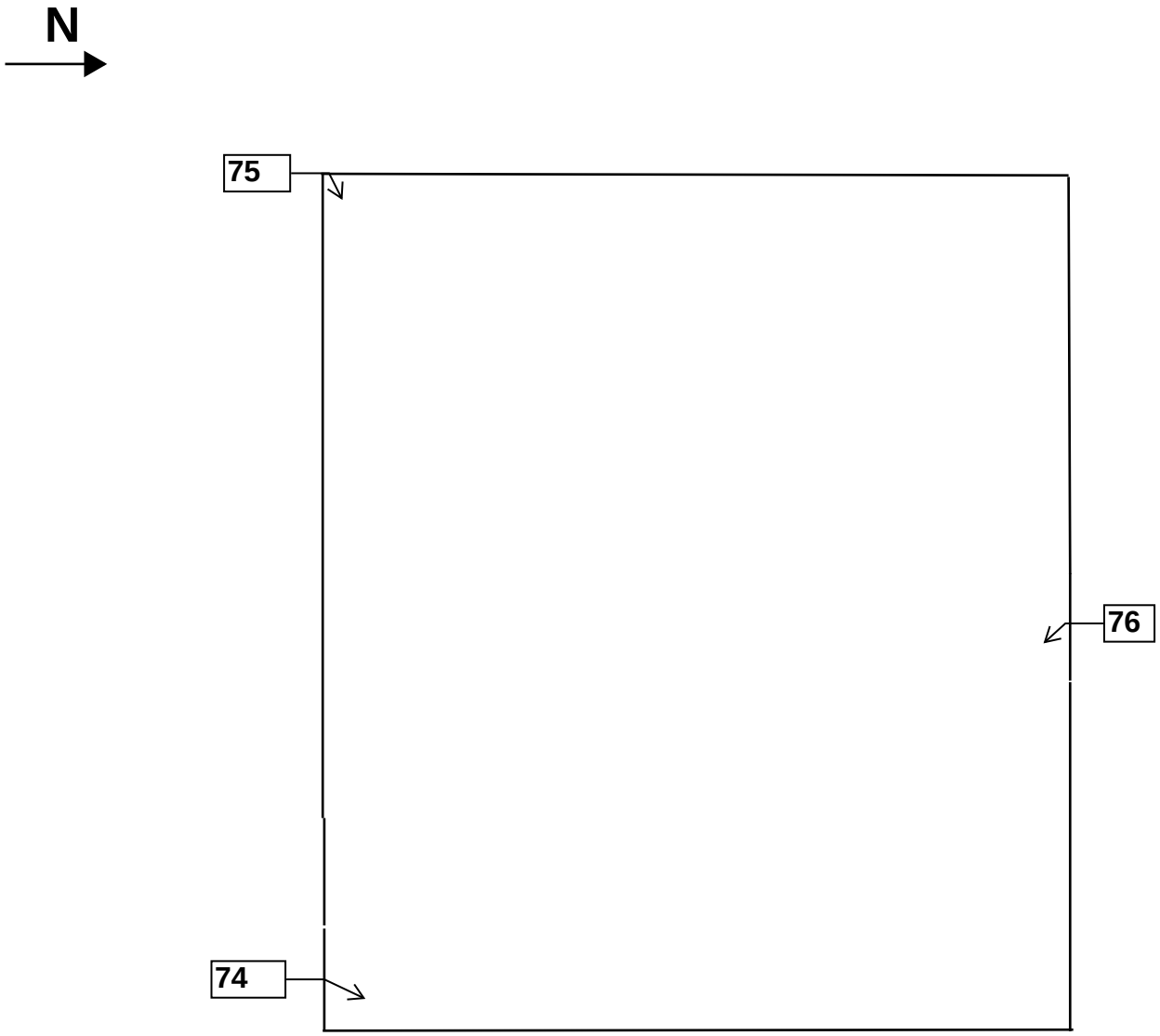
One Family Dwelling
2821 North 25th Street
Milwaukee, Wisconsin

2nd Floor Plan



One Family Dwelling
2821 North 25th Street
Milwaukee, Wisconsin

Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
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
4926 North 32nd 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.: 18-400-024.4926
Inspector: Damian Rogowski
Contract No.: 360-18-0975

Prepared by:

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

October 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
4926 North 32nd 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

October 9, 2018

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

RE: Deconstruction Inspection Report
4926 North 32nd Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 4926 North 32nd 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 4926 North 32nd 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 in transite siding, exterior caulk, and window glazing compound 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 exterior block walls. Results are in Section V of this report.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Lead Paint Inspection 5
A. Methods
B. Component Testing Results

VI. Exclusions 6

VII. Limitations 7

VIII. Pre-Demolition Environmental Checklist 8

IX. Asbestos Laboratory Results 12

X. Lead Laboratory Results 13

XI. Floor Plans 14

XII. HMG Certifications 15

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling and shed at 4926 North 32nd Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 4, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling and shed, scheduled for deconstruction, located at 4926 North 32nd 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
- Drywall/joint compound
- Linoleum
- Texture
- Plaster
- Asphalt roofing
- Ceiling tile
- Vermiculite insulation
- Roof flashing

- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	**Exterior – west wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
2	**Exterior – southeast wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
3	**Exterior – east wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
4	Exterior – west wall – under transite siding – tar paper	Negative	MPT
5	Exterior – southeast wall – under transite siding – tar paper	Negative	MPT
6	Exterior – east wall – under transite siding – tar paper	Negative	MPT
7	**Exterior – around west window – tan caulk**	**Positive 5% Chrysotile**	**MCLKt**
8	**Exterior – around southeast window – tan caulk**	**Positive 5% Chrysotile**	**MCLKt**
9	**Exterior – around east window – tan caulk**	**Positive 5% Chrysotile**	**MCLKt**
10	**Exterior – on west window – glazing compound**	**Positive 5% Chrysotile**	**MPG**

Sample #	Location and Description	Results	Homogeneous Code
11	**Exterior – on southeast window – glazing compound**	**Positive 5% Chrysotile**	**MPG**
12	**Exterior – on east window – glazing compound**	**Positive 5% Chrysotile**	**MPG**
13a	2nd floor – room 205 – west wall – joint compound	Negative	MDW
13b	2nd floor – room 205 – west wall – drywall	Negative	MDW
14a	2nd floor – room 203 – east wall – joint compound	Negative	MDW
14b	2nd floor – room 203 – east wall – drywall	Negative	MDW
15	1st floor – room 103 – west wall – drywall	Negative	MDW
16	2nd floor – room 205 northeast corner – green and red linoleum	Negative	MFLgr
17a	2nd floor – room 203 – white and blue linoleum	Negative	MFLwb
17b	2nd floor – room 203 – under white and blue linoleum – brown mastic	Negative	MFLwb
18a	1st floor – room 103 – on southwest wall – texture	Negative	STX
18b	1st floor – room 103 – on southwest wall – texture layer 2	Negative	STX
18c	1st floor – room 103 – on southwest wall – texture layer 3	Negative	STX
19a	2nd floor – room 202 – on northwest wall – texture	Negative	STX
19b	2nd floor – room 202 – on northwest wall – texture layer 2	Negative	STX
20a	2nd floor – room 205 – on south wall – texture	Negative	STX
20b	2nd floor – room 205 – on south wall – texture layer 2	Negative	STX
21	2nd floor – room 201 – on north wall – texture	Negative	STX
22	1st floor – room 108 – on west wall – texture	Negative	STX
23	2nd floor – room 201 – north wall – plaster	Negative	SPl
24	2nd floor – room 202 – north wall – plaster	Negative	SPl
25	2nd floor – room 203 – north wall – plaster	Negative	SPl
26a	1st floor – room 105 – south wall – plaster	Negative	SPl
26b	1st floor – room 105 – south wall – drywall	Negative	SPl
27a	1st floor – room 106 – north wall – plaster	Negative	SPl
27b	1st floor – room 106 – north wall – drywall	Negative	SPl
28	Roof – north side – black asphalt shingle	Negative	MRSk
29a	Roof – south side top layer – black asphalt shingle	Negative	MRSk
29b	Roof – south side bottom layer – red asphalt shingle	Negative	MRSr
30a	Roof – east side top layer – black asphalt shingle	Negative	MRSk
30b	Roof – east side bottom layer – red asphalt shingle	Negative	MRSr
31	1st floor – room 106 west side – 2’ x 2’ ceiling tile	Negative	MSCT22
32	1st floor – room 106 north side – 2’ x 2’ ceiling tile	Negative	MSCT22
33	1st floor – room 106 south side – 2’ x 2’ ceiling tile	Negative	MSCT22
34	1st floor – room 106 west side – above 2’ x 2’ ceiling tile – 1’ x 1’ ceiling tile	Negative	MSCT11
35	1st floor – room 106 north side – above 2’ x 2’ ceiling tile – 1’ x 1’ ceiling tile	Negative	MSCT11
36	1st floor – room 106 south side – above 2’ x 2’ ceiling tile – 1’ x 1’ ceiling tile	Negative	MSCT11
37	Attic – east side on floor – vermiculite insulation	Negative	MVI
38	Attic – center on floor – vermiculite insulation	Negative	MVI
39	Attic – south side on floor – vermiculite insulation	Negative	MVI

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls	1,600 SF	Good
Tan Caulk	MCLKt	Exterior Around Windows	15 Windows	Fair
Window Glazing Compound	MPG	Windows on all Floors	15 Windows	Fair

Assumed Asbestos Containing Materials

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

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

Note #1: The materials listed above are 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: DHS 159.04 (53) definitions "Vermiculite insulation" means vermiculite that has been expanded through a heating process and is used as loose-fill building insulation. It is a "suspect asbestos-containing material" under sub. DHS 159.04(50). **Note:** Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under HFS 159.

Harenda Management Group recommends that the vermiculite insulation be removed by a Wisconsin certified asbestos company as part of a deconstruction project. Approximate quantity850 square feet.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MTP	Transite
MPT	Tar Paper
MCLKt	Tan Caulk
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MFLgr	Green & Red Linoleum
MFLwb	White & Blue Linoleum
MRSk	Asphalt Shingle

Homogeneous Material Codes

MRSr	Red Asphalt Shingle
MSCT22	2' x 2' Ceiling Tile
MSCT11	1' x 1' Ceiling Tile
MVI	Vermiculite Insulation

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 1926 North 32nd Street, Milwaukee, Wisconsin, took place on September 4, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 1926 North 32nd Street, Milwaukee, Wisconsin

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

Exterior: 1926 North 32nd Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 1926 North 32nd Street, Milwaukee, Wisconsin Date: 9/4/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	East Wall	Block	Brown	0.221

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

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

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

5	Fluorescent Lights – Rooms 108 & 201
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – Room 202
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
2	Ballasts – Rooms 108 & 201
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
40	Junk Auto Tires – In Shed
4	Junk Vehicles – 3 Cars & 1 Motorcycle in Shed

* 20 Gallons Paint in Shed, 15 Gallons Paint Basement Stair

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. 299012
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
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: 18-400-024.4926

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 Tar Paper	Asbestos Not Present	Cellulose 70	Tar
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
006	6	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
007	7	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3

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

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3
009	9	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3
010	10	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
011	11	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
012	12	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
013	13	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Project: DNS
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Project Number: 18-400-024.4926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
014	14	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
014a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
015	15	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
016	16	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
017	17	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	10 5	CaCO3 Vinyl
017a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
018a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
018b		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Perlite
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
020	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.4926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
021	21	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
022	22	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	23	Homogeneous	Gray Plaster	Asbestos Not Present	Hair <1	Gypsum Sand Paint
024	24	Homogeneous	Gray Plaster	Asbestos Not Present	Hair <1	Gypsum Sand Paint
025	25	Homogeneous	Gray Plaster	Asbestos Not Present	Hair <1	Gypsum Sand Paint

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Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
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: 18-400-024.4926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
026a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
027	27	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
027a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
028	28	Homogeneous	Black Roofing	Asbestos Not Present	Glass Fiber	25	Tar Sand
029	29	Layered	Black Roofing	Asbestos Not Present	Glass Fiber	25	Tar Sand
029a		Layered	Red Roofing	Asbestos Not Present	NA		Rubber

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. 299012
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
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: 18-400-024.4926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
030	30	Layered	Black Roofing	Asbestos Not Present	Glass Fiber	25	Tar Sand
030a		Layered	Red Roofing	Asbestos Not Present	NA		Rubber
031	31	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30	Perlite Vinyl
032	32	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30	Perlite Vinyl
033	33	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30	Perlite Vinyl
034	34	Homogeneous	White 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. 299012
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
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: 18-400-024.4926

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
036	36	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose 100	
037	37	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite
038	38	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite
039	39	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite

Cassie Sanborn

Cassie Sanborn, Analyst

9/13/2018
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
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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.

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. 299012	
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:	18-400-024.4926
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	9/5/18 1800	FedEx	[signature]	9-6-18 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

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. 299012
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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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299012
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		☐				
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: 299006
Date Received: 09/06/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 09/13/18

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.: 18-400-024.4926

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.221	0.00591	%	09/12/18 15:45	P EPA 7000B (1)

Authorized Signature: Cherry Rossen

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

QUANTEM LABORATORIES

www.QuanTEM.com

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 299000	
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:	18-400-024.4926

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	9/5/18 1800	FedEx	[signature]	9-11-18 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

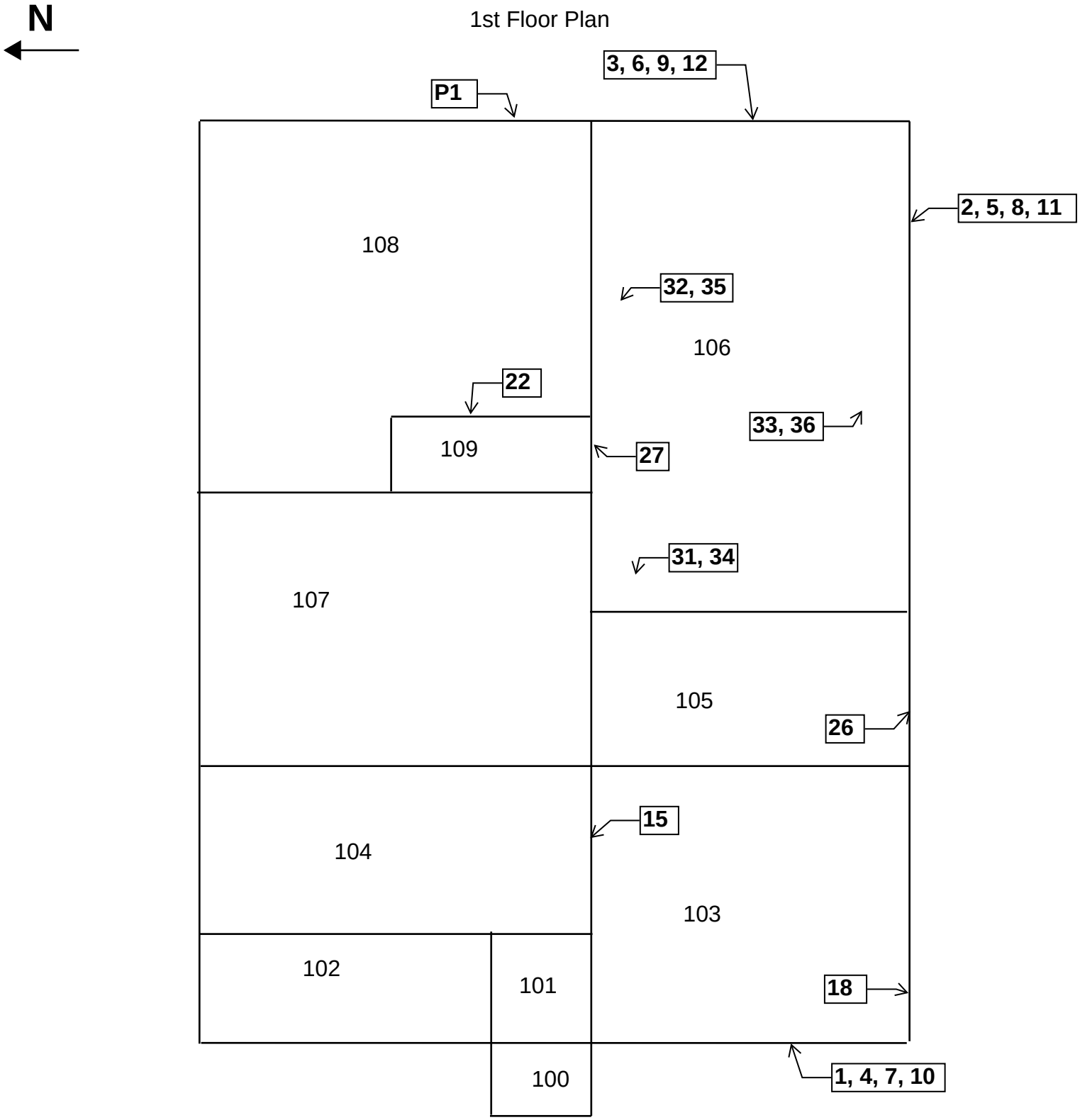
Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

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

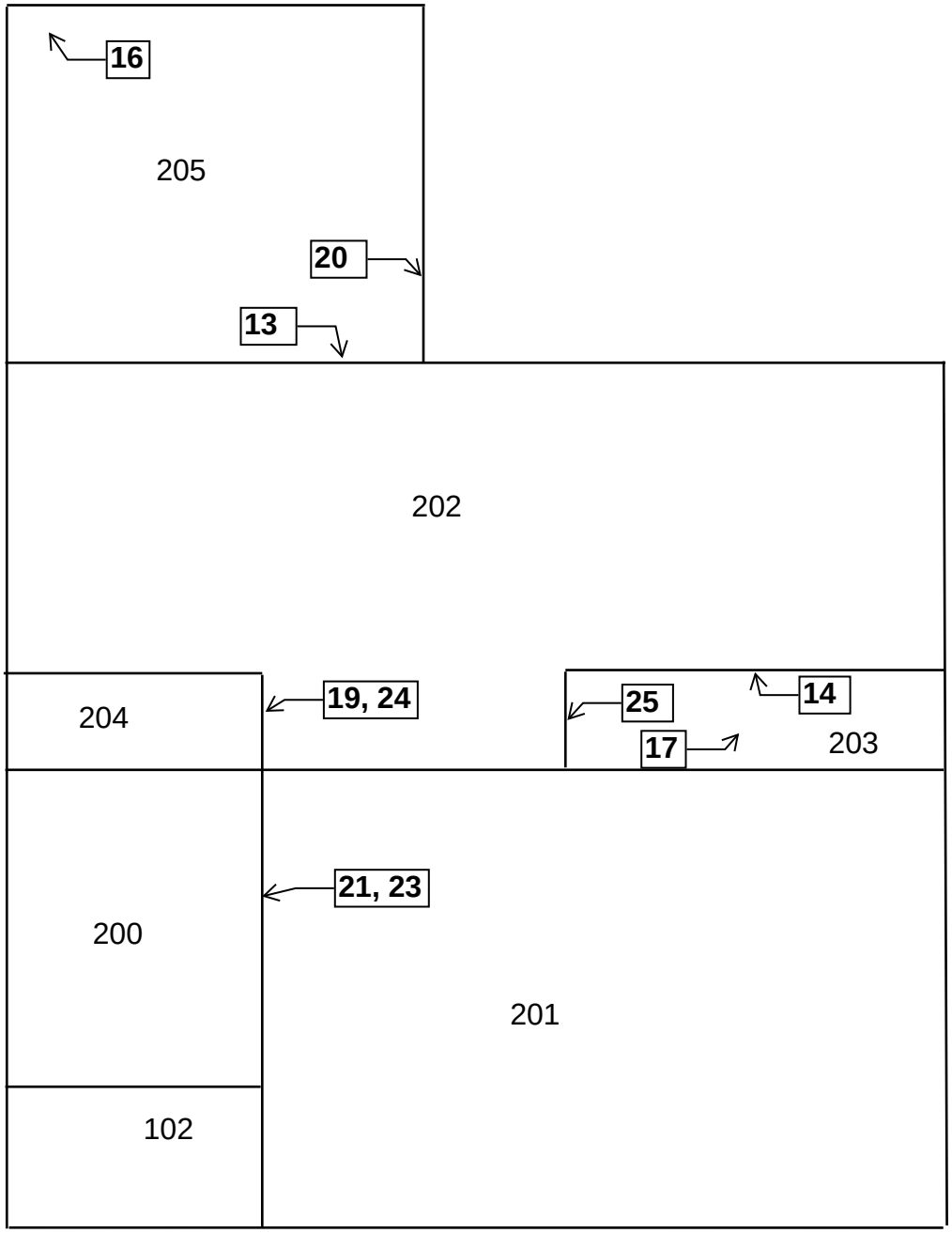
One Family Dwelling
4926 North 32nd Street
Milwaukee, Wisconsin



One Family Dwelling
4926 North 32nd Street
Milwaukee, Wisconsin

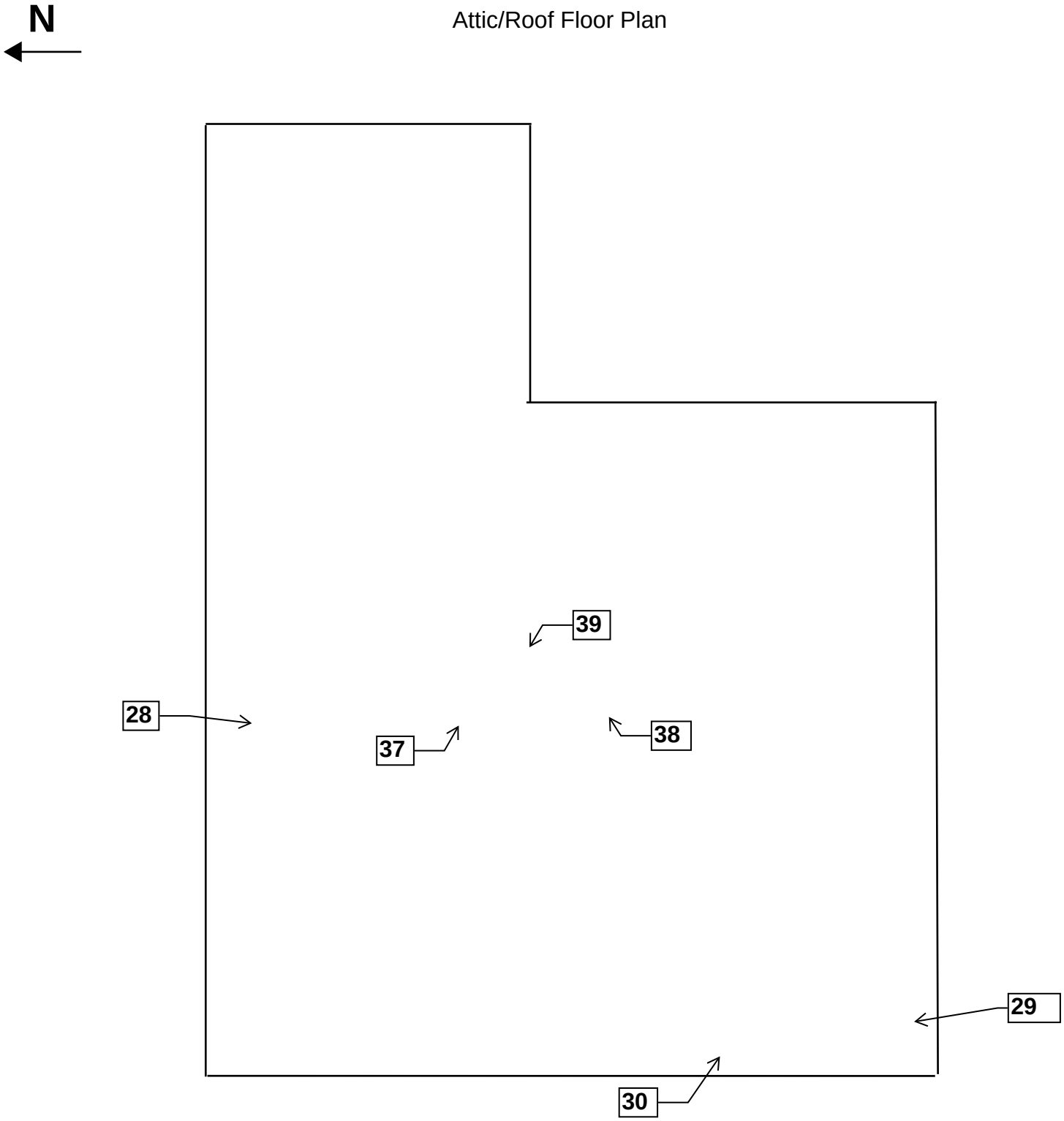
N

2nd Floor Plan



One Family Dwelling
4926 North 32nd 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:

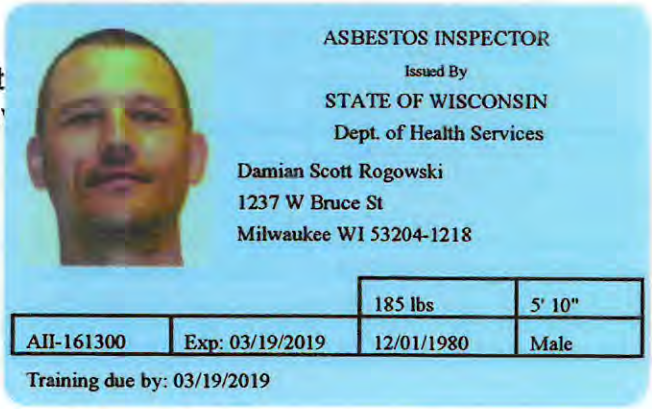
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

Two Family Dwelling
2854 North 35th 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.: 18-400-024.2854
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
2854 North 35th 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 18, 2018

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

RE: Deconstruction Inspection Report
2854 North 35th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2854 North 35th 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 2854 North 35th 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 at more than 1% in exterior transite siding, window glazing compound, 1st and 2nd floor linoleum, basement flue packing, attic insulation pad, and duct wrap sampled during the inspection. Asbestos was detected at less than 1% in joint compound on drywall walls and ceilings, wall and ceiling texture, and 2nd floor bathroom wall mastic. 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 block walls and exterior block columns and walls. Results are in Section V of this report.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Lead Paint Inspection 7
A. Methods
B. Component Testing Results

VI. Exclusions 8

VII. Limitations 9

VIII. Pre-Demolition Environmental Checklist 10

IX. Asbestos Laboratory Results 14

X. Lead Laboratory Results 15

XI. Floor Plans 16

XII. HMG Certifications 17

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 2854 North 35th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has transite, asphalt, and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 4, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2854 North 35th 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:

- Linoleum
- Duct wrap
- Ceramic tile
- Drywall/joint compound
- Flue packing
- Texture
- Plaster
- Glazing compound
- Floor tile
- Ceiling tile
- Asphalt roofing
- Insulation pad

- Transite siding
- Paper insulation
- Asphalt shingle siding
- Tar paper
- Caulk
- Roof flashing
- Mastics

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

III. 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 – room 109 – brown linoleum	Negative	MFLn
2a	1st floor – room 110 2nd layer – gray and brown linoleum	Negative	MFLyn
2b	1st floor – room 110 2nd layer – under gray and brown linoleum – yellow mastic	Negative	MFLyn
2c	1st floor – room 110 bottom layer – tan and brown linoleum	Negative	MFLtn
3	1st floor – room 108 northwest – tan and red linoleum	Negative	MFLtr
4	1st floor – room 108 south – tan and red linoleum	Negative	MFLtr

Sample #	Location and Description	Results	Homogeneous Code
5	1st floor – room 108 northeast – tan and red linoleum	Negative	MFLtr
6	**1st floor – room 107 – on west wall duct – duct wrap**	**Positive 75% Chrysotile**	**TDW**
7	**1st floor – room 103 – on east wall duct – duct wrap**	**Positive 75% Chrysotile**	**TDW**
8	**Basement – on north center boot – duct wrap**	**Positive 65% Chrysotile**	**TDW**
9a	1st floor – room 105 – on south wall – 4" white ceramic tile	Negative	MCTMw4
9b	1st floor – room 105 – on south wall – grout	Negative	MCTMw4
9c	1st floor – room 105 – on south wall – under 4" white ceramic tile – white mastic	Negative	MCTMw4
10	1st floor – room 105 – on south wall under panel – yellow mastic	Negative	MWMl
11a	1st floor – room 105 bottom layer – 6" white ceramic floor tile	Negative	MCTMw6
11b	1st floor – room 105 bottom layer – under 6" white ceramic floor tile – yellow mastic	Negative	MCTMw6
11c	1st floor – room 105 bottom layer – grout	Negative	MCTMw6
11d	1st floor – room 105 bottom layer – under yellow mastic – mortar	Negative	MCTMw6
12a	1st floor – room 105 top layer – yellow and brown linoleum	Negative	MFLln
12b	1st floor – room 105 top layer – on yellow and brown linoleum – white caulk	Negative	MFLln
12c	1st floor – room 105 top layer – under yellow and brown linoleum – yellow mastic	Negative	MFLln
13a	1st floor – room 103 – east wall – joint compound	Positive 2% Chrysotile	MDW
13a	POINT COUNT RESULT	Trace <0.25% Chrysotile	MDW
13b	1st floor – room 103 – east wall – drywall	Negative	MDW
14	2nd floor – room 202 – north wall – drywall	Negative	MDW
15	Basement – north wall – drywall	Negative	MDW
16	1st floor – room 102 top layer – brown and black linoleum	Negative	MFLnk
17	**1st floor – room 102 bottom layer – yellow and orange linoleum**	**Positive 25% Chrysotile**	**MFLlo**
18	1st floor – room 100 northwest – brown and beige linoleum	Negative	MFLne
19	1st floor – room 100 northeast – brown and beige linoleum	Negative	MFLne
20	1st floor – room 100 south – brown and beige linoleum	Negative	MFLne
21	**Basement – on chimney – flue packing**	**Positive 10% Chrysotile**	**TFP**
22a	1st floor – room 104 – on west wall – texture	Negative	STX
22b	1st floor – room 104 – on west wall – texture layer 2	Negative	STX
22c	1st floor – room 104 – on west wall – texture layer 3	Negative	STX
23a	1st floor – room 104 – on ceiling – texture	Positive 2% Chrysotile	STX
23a	POINT COUNT RESULT	Trace <0.25% Chrysotile	STX
23b	1st floor – room 104 – on ceiling – texture layer 2	Negative	STX
23c	1st floor – room 104 – on ceiling – texture layer 3	Negative	STX
24	2nd floor – room 104 – on south wall – texture	Negative	STX
25a	1st floor – room 101 – north wall – joint compound layer	Negative	SPl
25b	1st floor – room 101 – north wall – plaster	Negative	SPl
26a	1st floor – room 105 – north wall – joint compound layer	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
26b	1st floor – room 105 – north wall – plaster	Negative	SPl
27a	Basement – ceiling east side – plaster skim coat	Negative	SPl
27b	Basement – ceiling east side – plaster base coat	Negative	SPl
27c	Basement – ceiling east side – drywall	Negative	SPl
28	2nd floor – room 208 – east wall – plaster	Negative	SPl
29	2nd floor – room 200 – ceiling – plaster	Negative	SPl
30	Exterior – on northeast window – glazing compound	Negative	MPG
31	Exterior – on east window – glazing compound	Positive 3% Chrysotile	MPG
31	POINT COUNT RESULT	Trace 0.75% Chrysotile	MPG
32	**Exterior – on southeast window – glazing compound**	**Positive 3% Chrysotile**	**MPG**
32	**POINT COUNT RESULT**	**Positive 1.25% Chrysotile**	**MPG**
33	2nd floor – room 202 – 9" tan and red floor tile	Negative	MF9tr
34	2nd floor – room 204 – on south wall – white linoleum	Negative	MFLw
35	**2nd floor – room 204 top layer – yellow and tan linoleum**	**Positive 25% Chrysotile**	**MFLlt**
36a	2nd floor – room 205 – on west wall – 4" tan ceramic tile	Negative	MCTMt4
36b	2nd floor – room 205 – on west wall – under 4" tan ceramic tile – yellow mastic	Positive 3% Chrysotile	MCTMt4
36b	POINT COUNT RESULT	Trace <0.25% Chrysotile	MCTMt4
37a	2nd floor – room 205 top layer – green linoleum	Negative	MFLg
37b	2nd floor – room 205 top layer – under green linoleum – yellow mastic	Negative	MFLg
38a	2nd floor – room 205 bottom layer – on 12" blue ceramic tile – yellow mastic	Negative	MCTMb
38b	2nd floor – room 205 bottom layer – 12" blue ceramic tile	Negative	MCTMb
38c	2nd floor – room 205 bottom layer – grout	Negative	MCTMb
38d	2nd floor – room 205 bottom layer – under 12" blue ceramic tile – white mastic	Negative	MCTMb
39	2nd floor – room 208 northwest – 1' x 1' ceiling tile	Negative	MSCT11
40	2nd floor – room 208 north – 1' x 1' ceiling tile	Negative	MSCT11
41	2nd floor – room 208 southeast – 1' x 1' ceiling tile	Negative	MSCT11
42	2nd floor – room 209 top layer – brown and red linoleum	Negative	MFLnr
43	2nd floor – room 210 top layer – brown and red linoleum	Negative	MFLnr
44	**2nd floor – room 208 – brown and red linoleum backing**	**Positive 65% Chrysotile**	**MFLnr**
45	2nd floor – room 209 bottom layer – black linoleum	Negative	MFLk
46	Roof – southwest – gray asphalt shingle	Negative	MRSy
47	Roof – southeast – gray asphalt shingle	Negative	MRSy
48	Roof – north center – gray asphalt shingle	Negative	MRSy
49	**Attic – on east wall – insulation pad**	**Positive 95% Chrysotile**	**TIP**
53	**Exterior – east wall – transite siding**	**Positive 25% Chrysotile**	**MTP**
54	**Exterior – northeast wall – transite siding**	**Positive 25% Chrysotile**	**MTP**
55	**Exterior – southeast wall – transite siding**	**Positive 25% Chrysotile**	**MTP**
56	Exterior – east wall under transite siding – paper insulation	Negative	MPI

Sample #	Location and Description	Results	Homogeneous Code
57	Exterior – northeast wall under transite siding – paper insulation	Negative	MPI
58	Exterior – southeast wall under transite siding – paper insulation	Negative	MPI
59	Exterior – east wall under paper insulation – asphalt shingle siding	Negative	MSS
60	Exterior – northeast wall under paper insulation – asphalt shingle siding	Negative	MSS
61	Exterior – southeast wall under paper insulation – asphalt shingle siding	Negative	MSS
62	Exterior – east wall under wood siding – tar paper	Negative	MPT
63	Exterior – northeast wall under wood siding – tar paper	Negative	MPT
64	Exterior – around east door – tan caulk	Negative	MCLKt

Eight (8) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Duct Wrap	TDW	Ducts in 1st Floor Walls, Vents in 2nd Floor Rooms, Basement Boots	130 SF	Poor
Yellow & Orange Linoleum	MFLlo	1st Floor Room 102 Bottom Layer	20 SF	Fair
Yellow & Tan Linoleum	MFLlo	2nd Floor Room 204 Top Layer	25 SF	Fair
Brown & Red Linoleum	MFLnr	2nd Floor Room 208, Rooms 209 & 210 Top Layer	200 SF	Fair
Flue Packing	TFP	Basement on Chimney	3 SF	Poor
Window Glazing Compound	MPG	Windows on All Floors	30 Windows	Fair
Insulation Pad	TIP	Attic on East Wall	1 SF	Poor
Transite Siding	MTP	Exterior Walls	2,100 SF	Good

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	4 SF	Poor

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

Three (3) of the materials sampled contain less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Joint Compound on Drywall	MDW	1st Floor: Walls & Ceilings in Rooms 100-103, 105-108, 110; 2nd Floor: Walls & Ceilings in Rooms 201-203, 205-207, 209-210; Basement	6,500 SF	Good
Texture	STX	1st Floor Room 104 on Walls & Ceiling	600 SF	Fair
Yellow Mastic Under Wall Tile	MCTMt4	2nd Floor Room 205 Walls	110 SF	Good

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: The joint compound on drywall, texture, and yellow wall mastic contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACMs. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

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

HMG recommends that the joint compound on drywall, texture, and yellow wall mastic 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
STX	Texture
MFLn	Brown Linoleum
MFLyn	Gray & Brown Linoleum
MFLtn	Tan & Brown Linoleum
MFLtr	Tan & Red Linoleum
MFLln	Yellow & Brown Linoleum
MFLnk	Brown & Black Linoleum
MFLlo	Yellow & Orange Linoleum
MFLne	Brown & Beige Linoleum
MFLw	White Linoleum
MFLlt	Yellow & Tan Linoleum
MFLg	Green Linoleum
MFLnr	Brown & Red Linoleum
MFLk	Black Linoleum
MCTMw4	4” White Ceramic Tile
MCTMw6	6” White Ceramic Tile
MCTMt4	4” Tan Ceramic Tile
MCTMb	Blue Ceramic Tile
MWMl	Yellow Wall Mastic
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MF9tr	9” Tan & Red Floor Tile
MSCT11	1’ x 1’ Ceiling Tile

Homogeneous Material Codes

MRSy	Gray Asphalt Shingle
MTP	Transite
MPI	Paper Insulation
MSS	Asphalt Shingle Siding
MPT	Tar Paper
MCLKt	Tan Caulk
TFP	Beige Flue Packing
TDW	Duct Wrap
TIP	Insulation Pad

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 2854 North 35th Street, Milwaukee, Wisconsin, took place on September 4, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 2854 North 35th Street, Milwaukee, Wisconsin

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

Exterior: 2854 North 35th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2854 North 35th Street, Milwaukee, Wisconsin **Date: 9/4/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	Southwest Wall	Block	White	0.00893
P2	Basement	Southeast Wall	Block	Gray	0.0117
P3	Exterior	East Column	Block	Tan	0.202

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 in Basement

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A 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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	10	Vinyl
002	2	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
002a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
002b		Layered	Brown Flooring	Asbestos Not Present	Cellulose	100	
003	3	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl CaCO3 Foam
004	4	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber	10	Vinyl CaCO3 Foam

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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Milwaukee, WI 53204

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Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	5	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber 10	Vinyl CaCO3 Foam
006	6	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	NA	Binder
007	7	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	NA	Binder
008	8	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	Cellulose 20	Binder
009	9	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
009a		Layered	Beige Grout	Asbestos Not Present	NA	Sand CaCO3
009b		Layered	White Mastic	Asbestos Not Present	NA	Glue Binder

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Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue
011	11	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
011a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011b		Layered	White Grout	Asbestos Not Present	NA	Sand CaCO3
011c		Layered	Gray Mortar	Asbestos Not Present	NA	Sand CaCO3
012	12	Layered	Brown Flooring	Asbestos Not Present	NA	Vinyl CaCO3 Foam

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012a		Layered	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
012b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
013	13	Layered	White Texture	Asbestos Present Chrysotile 2	NA	CaCO3 Paint
013a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum
014	14	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum Paint
015	15	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum CaCO3
016	16	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl

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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: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 25	NA	
018	18	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
019	19	Homogeneous	Brown Flooring	Asbestos Not Present	Glass Fiber 5	Vinyl CaCO3 Foam
020	20	Homogeneous	Brown Flooring	Asbestos Not Present	Synthetic 5	Vinyl CaCO3 Foam
021	21	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 10	NA	CaCO3
022	22	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
022b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
023	23	Layered	White Texture	Asbestos Present Chrysotile 2	NA	CaCO3 Paint
023a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
023b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
024	24	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025	25	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint

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Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
026	26	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Paint
026a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
027	27	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
027a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
027b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 5	Gypsum

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
029	29	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
030	30	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
031	31	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
032	32	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
033	33	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder
034	34	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder Paint

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	35	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
036	36	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
036a		Layered	Yellow Mastic	Asbestos Present Chrysotile 3	Cellulose 15	Glue CaCO3
037	37	Layered	Green Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
037a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038	38	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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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. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
038a		Layered	Gray Ceramic Tile	Asbestos Not Present	NA		Clay
038b		Layered	Brown Grout	Asbestos Not Present	NA		Sand CaCO3
038c		Layered	White Mastic	Asbestos Not Present	NA		Glue CaCO3
039	39	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	70	Perlite Gypsum Paint
040	40	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	70	Perlite Gypsum Paint
041	41	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose	80	Perlite Gypsum

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Homogeneous	Brown Flooring	Asbestos Not Present	NA	Vinyl CaCO3 Foam
043	43	Homogeneous	Brown Flooring	Asbestos Not Present	NA	Vinyl CaCO3 Foam
044	44	Homogeneous	Brown Insulation	Asbestos Present Chrysotile 65	NA	Binder
045	45	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder
046	46	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose 30	Tar
047	47	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
048	48	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose 30	Tar Sand

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. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049	49	Homogeneous	White Insulation	Asbestos Present Chrysotile 95	NA	Binder
050	53	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3
051	54	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3
052	55	Homogeneous	Gray Transite	Asbestos Present Chrysotile 25	NA	CaCO3
053	56	Homogeneous	Silver Insulation	Asbestos Not Present	Cellulose 90	Foil
054	57	Homogeneous	Silver Insulation	Asbestos Not Present	Cellulose 90	Foil

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. 298995
Account Number: B929
Date Received: 09/06/2018
Received By: Taylor Henson
Date Analyzed: 09/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
055	58	Homogeneous	Silver Insulation	Asbestos Not Present	Cellulose	90	Foil
056	59	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	40	Tar Sand
057	60	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	40	Tar Sand
058	61	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	40	Tar Sand
059	62	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
060	63	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
061	64	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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.	298995	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	09/06/2018		
Received By:	Taylor Henson		
Date Analyzed:	09/13/2018	Project:	DNS
Analyzed By:	Cristal Veech	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
062	65	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3

Cristal Veech

Cristal Veech, Analyst

9/13/2018

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. 248995	
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:	18-400-024.2858
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	9/5/18 1800	FedEx	[signature]	9/6/18 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"

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Lab No. 298495
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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Lab No. 298495
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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	53	☑				

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For Lab Use Only
Lab No. 268995
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	54	☐				
52	55	☐				
53	56	☐				
54	57	☐				
55	58	☐				
56	59	☐				
57	60	☐				
58	61	☐				
59	62	☐				
60	63	☐				
61	64	☐				
62	65	☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				

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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. 301097
Account Number: B929
Date Received: 10/19/2018
Received By: Taylor Van Syckle
Date Analyzed: 10/26/2018
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, 400 PTCT For 298995
Project Location: Milwaukee, WI
Project Number: 18-400-024.2858

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	13	Homogeneous	White Texture	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	23	Homogeneous	White Texture	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
003	31	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 0.75 400 Point Count	NA	
004	32	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 1.25 400 Point Count	NA	
005	36	Homogeneous	Yellow Mastic	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Benjamin Hill

Benjamin Hill, Laboratory Technician

10/26/2018
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.

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Lab No. 301097
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:	18-400-024.2858
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		☐ 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	13	☑		texture		QuanTEM Lab No ~~298955~~ 298995
2	23	☑		texture		
3	31	☑				
4	32	☑				
5	36	☑		mastic		
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: 299007
Date Received: 09/06/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 09/13/18

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.: 18-400-024.2858

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.00893	0.0049	%	09/12/18 15:45	P EPA 7000B (1)
002	P2	Paint	Lead	0.0117	0.005	%	09/12/18 15:45	P EPA 7000B (1)
003	P3	Paint	Lead	0.202	0.00495	%	09/12/18 15:45	P EPA 7000B (1)

Authorized Signature:

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

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Lab No.	299007
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:	18-400-024.2858

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	9/5/18 1800	FedEx	[signature]	9-11-18 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2	P2				↓	↓				↓				
3	P3				↓	↓				↓				
4														
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

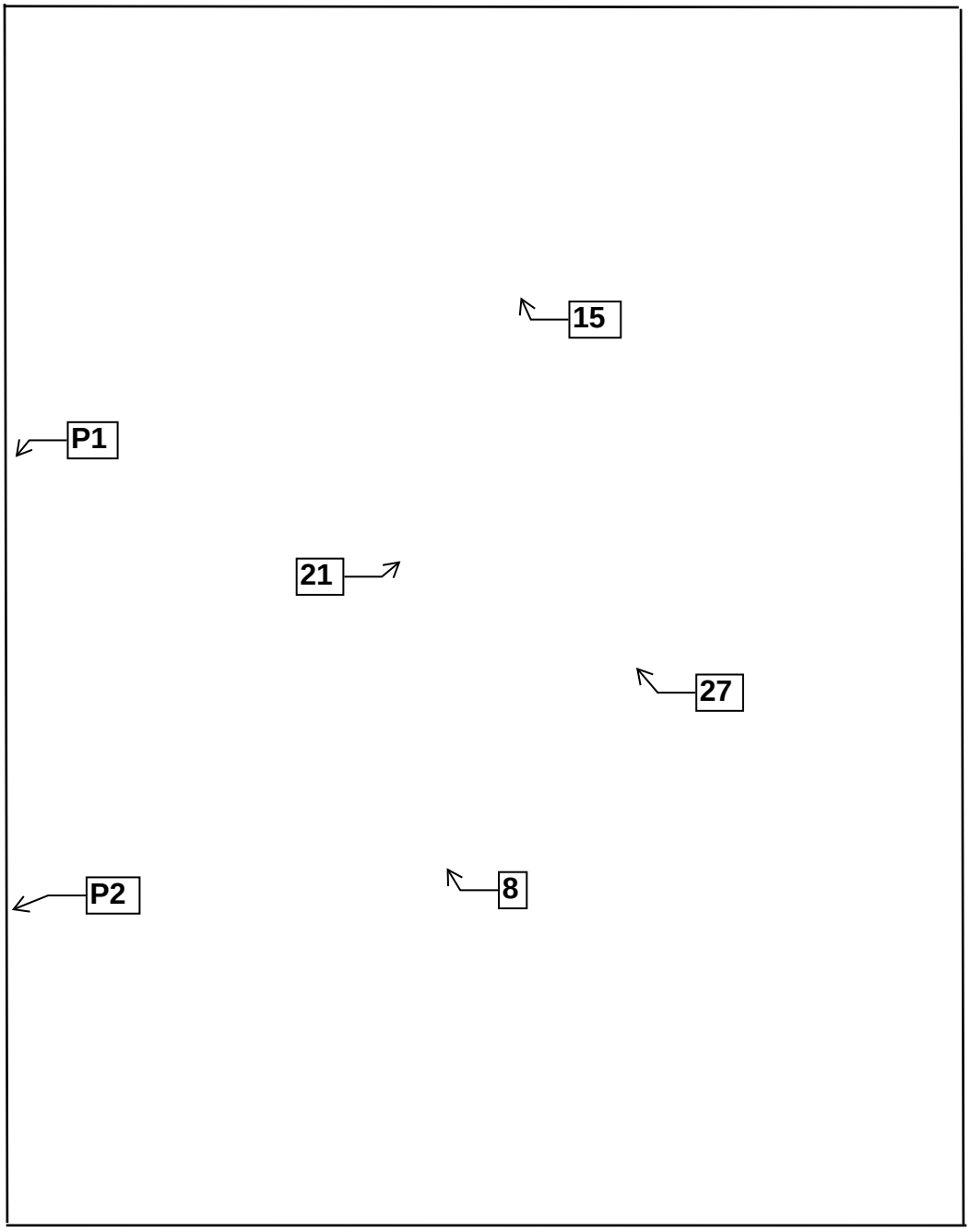
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

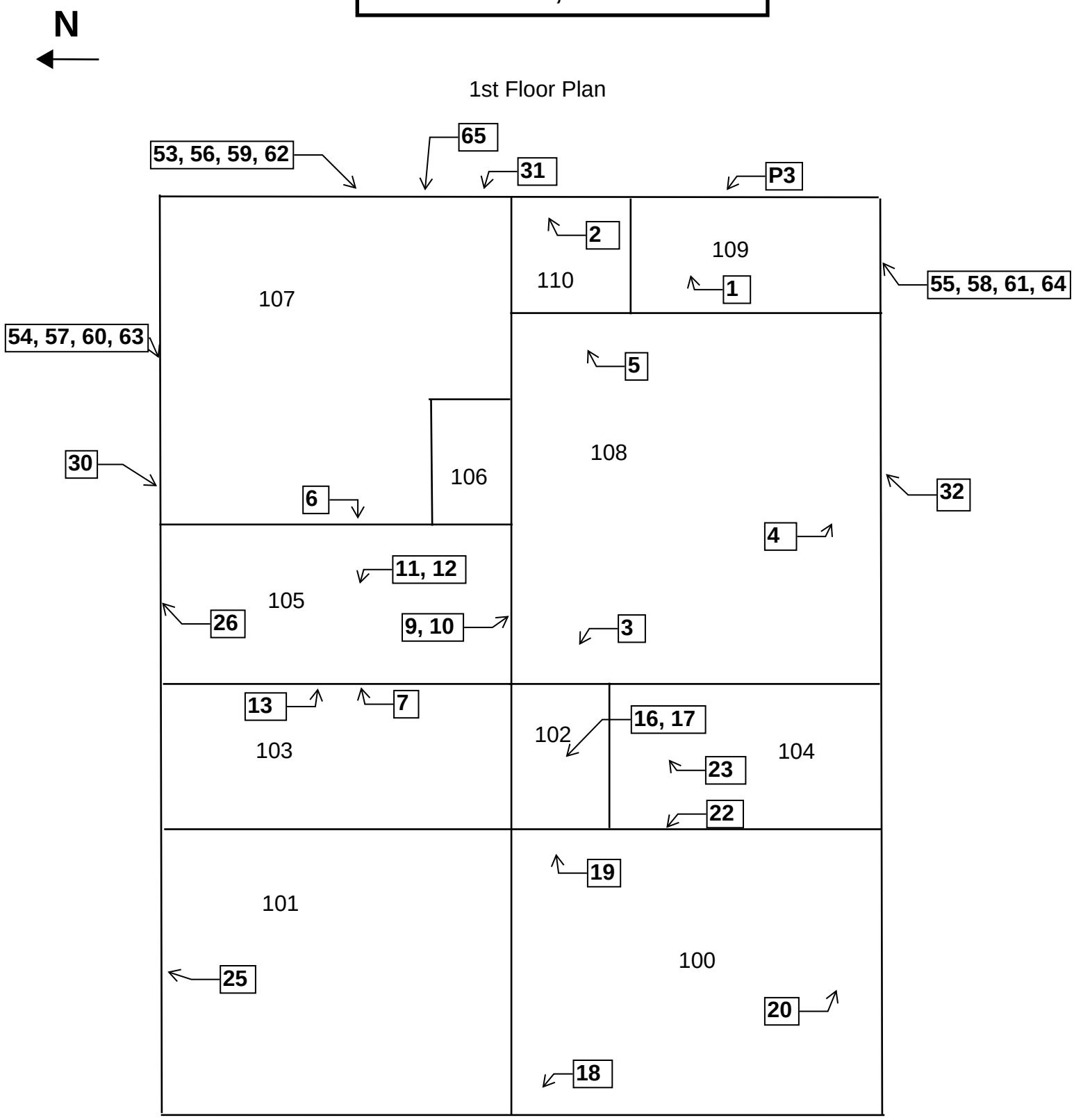
Two Family Dwelling
2854 North 35th Street
Milwaukee, Wisconsin

N

Basement Floor Plan



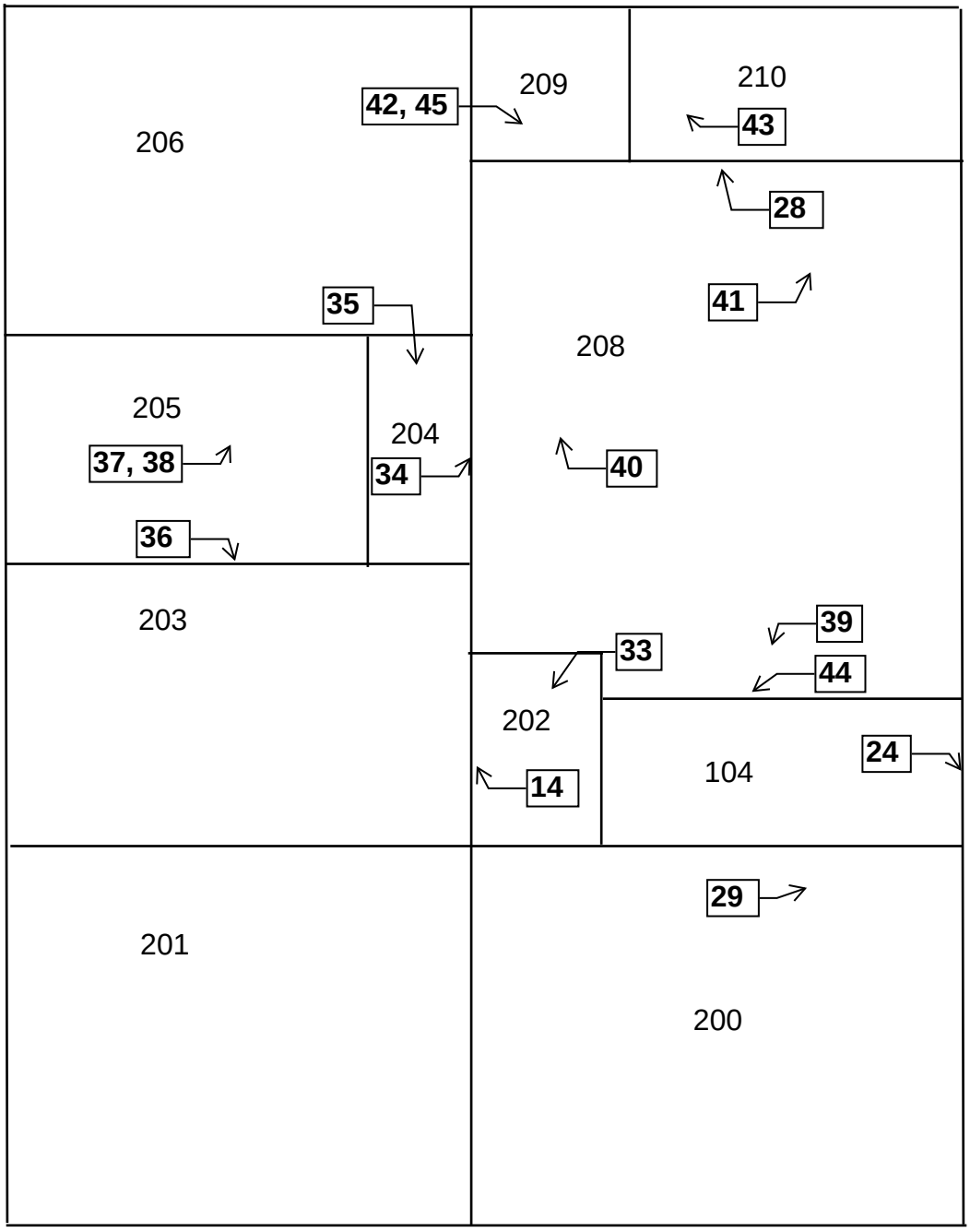
Two Family Dwelling
2854 North 35th Street
Milwaukee, Wisconsin



Two Family Dwelling
2854 North 35th Street
Milwaukee, Wisconsin

N

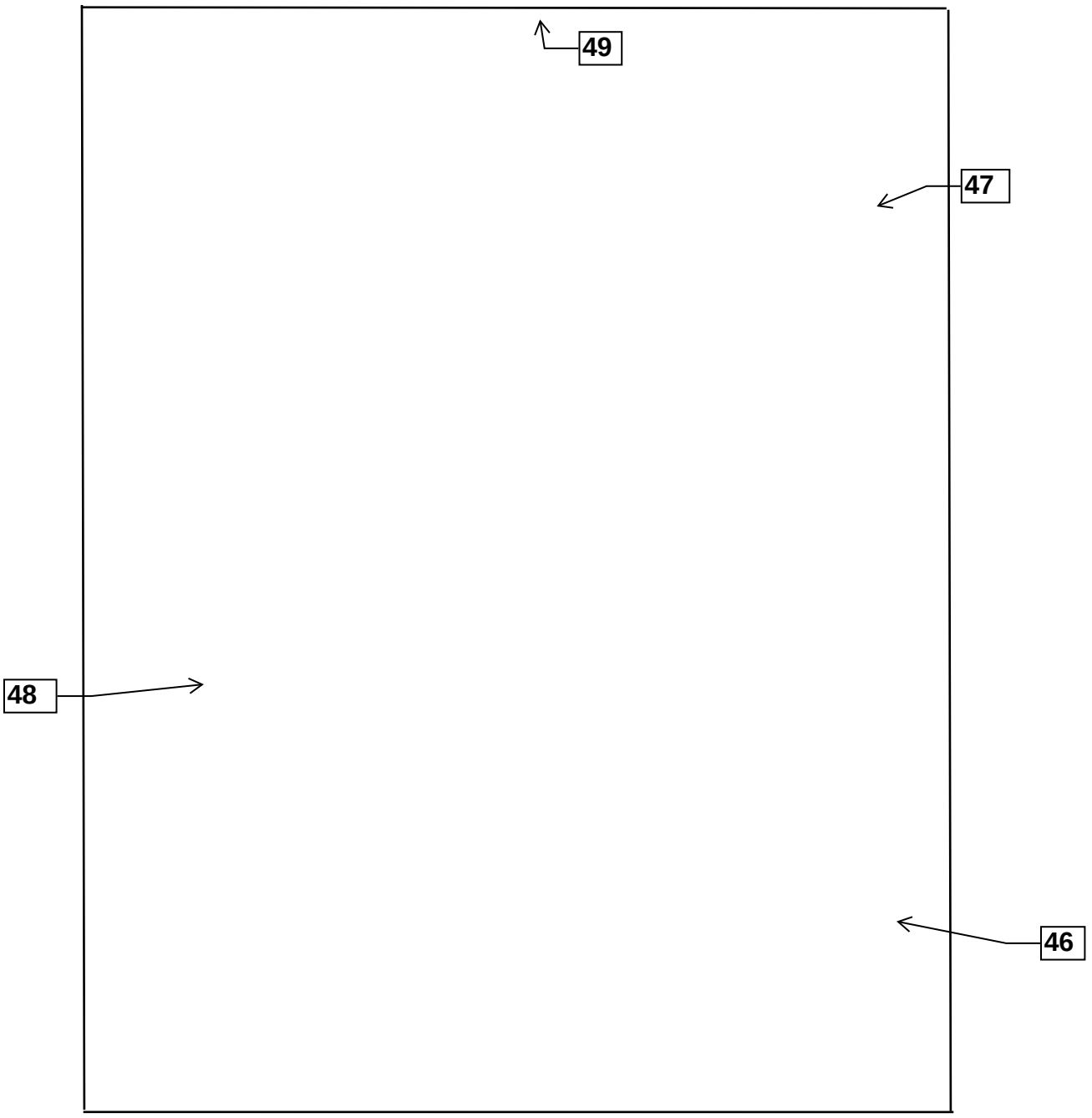
2nd Floor Plan



Two Family Dwelling
2854 North 35th Street
Milwaukee, Wisconsin

N

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:

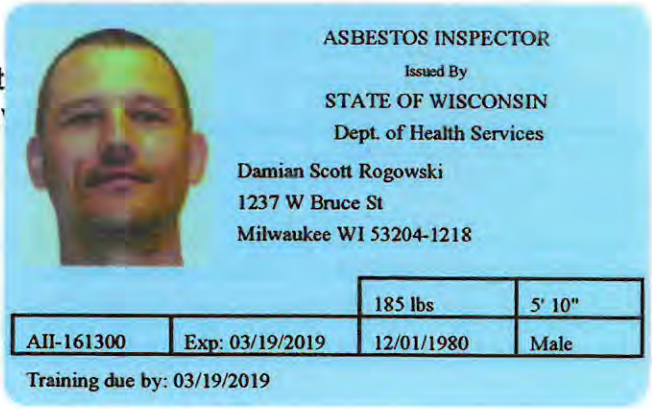
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos 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
5673 North 35th 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.: 18-400-024.5673
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

August 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
5673 North 35th Street
Milwaukee, Wisconsin

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

August 24, 2018

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

RE: Deconstruction Inspection Report
5673 North 35th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 5673 North 35th 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 5673 North 35th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above 1% in exterior house caulk and garage roofing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Asbestos was detected at less than 1% in joint compound on drywall in the garage and house. Results are in Section IV of this report.

Painted masonry was not observed on the buildings.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

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

VI. Exclusions 7

VII. Limitations 8

VIII. Pre-Demolition Environmental Checklist 9

IX. Asbestos Laboratory Results 13

X. Floor Plans 14

XI. HMG Certifications 15

I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling and garage at 5673 North 35th Street, Milwaukee, Wisconsin. The dwelling is a one story wood framed structure. The house has aluminum and wood siding with asphalt roofing. The garage has wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On July 6, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling and garage, scheduled for deconstruction, located at 5673 North 35th Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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
- Drywall/joint compound
- Paper insulation
- Caulk
- Floor tile
- Asphalt roof shingles
- Roof membrane
- Plaster
- Linoleum
- Fiberboard
- Ceiling tile
- Window glazing compound
- Flue packing

- Vermiculite insulation
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Garage – on interior east wall – tar paper	Negative	MPT
2a	Garage – on interior south wall – joint compound	Positive 3% Chrysotile	MDW
2a	POINT COUNT RESULT	Trace 1% Chrysotile	MDW
2b	Garage – on interior south wall – drywall	Negative	MDW
3	House Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
4	House Exterior – north wall under aluminum siding – silver paper insulation	Negative	MPIs
5	House Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
6	**House Exterior – around west window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**

Sample #	Location and Description	Results	Homogeneous Code
7	**House Exterior – on west window trim – white caulk**	**Positive 5% Chrysotile**	**MCLKw**
8	1st floor – front entry – 12” gray and blue floor tile	Negative	MF12yb
9	House Roof – east top layer – orange and white asphalt shingle	Negative	MRSow
10	House Roof – northwest top layer – orange and white asphalt shingle	Negative	MRSow
11	House Roof – southwest top layer – orange and white asphalt shingle	Negative	MRSow
12	House Roof – east 2nd layer – red and white asphalt shingle	Negative	MRSrw
13	House Roof – northwest 2nd layer – red and white asphalt shingle	Negative	MRSrw
14	House Roof – southwest 2nd layer – red and white asphalt shingle	Negative	MRSrw
15	House Roof – east 3rd layer – tan asphalt shingle	Negative	MRSt
16	House Roof – northwest 3rd layer – tan asphalt shingle	Negative	MRSt
17	House Roof – southwest 3rd layer – tan asphalt shingle	Negative	MRSt
18	House Roof – east 4th layer – red asphalt shingle	Negative	MRSr
19	House Roof – northwest 4th layer – red asphalt shingle	Negative	MRSr
20	House Roof – southwest 4th layer – red asphalt shingle	Negative	MRSr
21	House Roof – east 5th layer – tar paper	Negative	MPT2
22a	Garage roof – west side top layer – silver paint	Negative	MRM
22b	Garage roof – west side 2nd layer – tar paper #3	Negative	MRM
22c	**Garage roof – west side bottom layer – tar**	**Positive 8% Chrysotile**	**MRM**
23a	Garage roof – north side top layer – silver paint	Negative	MRM
23b	Garage roof – north side 2nd layer – tar paper #3	Negative	MRM
23c	**Garage roof – north side bottom layer – tar**	**Positive 5% Chrysotile**	**MRM**
24a	Garage roof – east side top layer – silver paint	Negative	MRM
24b	Garage roof – east side 2nd layer – tar paper #3	Negative	MRM
24c	**Garage roof – east side bottom layer – tar**	**Positive 5% Chrysotile**	**MRM**
25	1st floor – living room – east wall – plaster	Negative	SPl
26	1st floor – north bedroom – southwest wall – plaster	Negative	SPl
27a	1st floor – kitchen – south wall – plaster skim coat	Negative	SPl
27b	1st floor – kitchen – south wall – plaster base coat	Negative	SPl
28	1st floor – north bedroom – south side on floor – black paper insulation	Negative	MPIk
29a	1st floor – north bedroom – north side – brown linoleum	Negative	MFLn
29b	1st floor – north bedroom – north side – under brown linoleum – tar paper	Negative	MFLn
30	1st floor – living room – west wall – fiberboard	Negative	MFB
31	1st floor – north bedroom – north wall – fiberboard	Negative	MFB
32	1st floor – south bedroom – north wall – fiberboard	Negative	MFB
33	1st floor – north bedroom – 1’ x 1’ ceiling tile	Negative	MSCT11
34a	1st floor – north bedroom – northwest wall – joint compound #2	Positive 3% Chrysotile	MDW2
34a	POINT COUNT RESULT	Trace 0.25% Chrysotile	MDW2
34b	1st floor – north bedroom – northwest wall – drywall #2	Negative	MDW2
35a	1st floor – kitchen – west wall – joint compound #2	Negative	MDW2
35b	1st floor – kitchen – west wall – drywall #2	Negative	MDW2

Sample #	Location and Description	Results	Homogeneous Code
36a	1st floor – south bedroom – east wall – joint compound #2	Positive 2% Chrysotile	MDW2
36a	POINT COUNT RESULT	Trace 0.75% Chrysotile	MDW2
36b	1st floor – south bedroom – east wall – drywall #2	Negative	MDW2
37	1st floor – kitchen – north top layer – 12" gray and green floor tile	Negative	MF12yg
38	1st floor – kitchen – south top layer – 12" gray and green floor tile	Negative	MF12yg
39	1st floor – bathroom – top layer – 12" gray and green floor tile	Negative	MF12yg
40a	1st floor – kitchen – 3rd layer – 12" white floor tile	Negative	MF12w
40b	1st floor – kitchen – 3rd layer – under 12" white floor tile – gray mastic	Negative	MF12w
40c	1st floor – kitchen – bottom layer – gray linoleum	Negative	MFLy
40d	1st floor – kitchen – bottom layer – under gray linoleum – tar paper	Negative	MFLy
41	1st floor – kitchen – northwest top layer – 12" tan floor tile	Negative	MF12t
42	1st floor – bathroom 3rd layer – 12" green and white floor tile	Negative	MF12gw
43a	1st floor – bathroom bottom layer – 12" black floor tile	Negative	MF12k
43b	1st floor – bathroom bottom layer – under 12" black floor tile – tan mastic	Negative	MF12k
44	1st floor – bathroom – on north wall under plastic panel – tan mastic	Negative	MPMt
45	1st floor – bathroom – on tub – cream caulk	Negative	MCLKc
46a	1st floor – south bedroom – southwest – 9" brown floor tile	Negative	MF9n
46b	1st floor – south bedroom – southwest – under 9" brown floor tile – white mastic	Negative	MF9n
47a	1st floor – south bedroom – northwest – tan and brown linoleum	Negative	MFLtn
47b	1st floor – south bedroom – northwest –under tan and brown linoleum – brown mastic	Negative	MFLtn
48	1st floor – south bedroom – northwest – red and brown linoleum	Negative	MFLrn
49a	1st floor – north entry 2nd layer – 12" brown floor tile	Negative	MF12n
49b	1st floor – north entry 3rd layer – gold and brown linoleum	Negative	MFLdn
49c	1st floor – north entry bottom layer – gray and brown linoleum	Negative	MFLyn
49c	1st floor – north entry bottom layer – under gray and brown linoleum – brown mastic	Negative	MFLyn
50	Attic – on south window – glazing compound	Negative	MPG
51	Attic – on chimney – flue packing	Negative	TFP
52	Attic – on floor southeast corner – vermiculite insulation	Negative	MVI

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Gray Caulk	MCLKy	Exterior Around Windows & Doors on Aluminum Siding	10 Windows & 1 Door	Fair

White Caulk	MCLKw	Exterior on Windows Trim	10 Windows	Fair
Tar Under Roof Membrane	MRM	Garage Roof	300 SF	Good

Assumed Asbestos Containing Materials

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	House Roof at Chimney	3 SF	Fair

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

Two (2) of the materials sampled contains less than 1% asbestos:

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Joint Compound on Drywall	MDW	Garage Interior North & South Walls	230 SF	Good
Joint Compound on Drywall #2	MDW2	Kitchen South & West Walls & Ceiling, North Bedroom North & Northwest Walls & North Ceiling, Bathroom Ceiling, South Bedroom East Wall & Ceiling, North Entry Walls & Ceiling	1,100 SF	Good

Note #1: The ACMs listed above are 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: The joint compounds contain 1% or less asbestos as verified by the point count method, and by definition in NR 447 are not ACMs. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

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

HMG recommends that the joint compounds 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
MPT	Tar Paper Garage Walls
MPT2	Tar Paper Roof
MDW	Drywall/Joint Compound Garage
MDW2	Drywall/Joint Compound House
MPIs	Silver Paper Insulation
MPIk	Black Paper Insulation
MCLKy	Gray Caulk
MCLKw	White Caulk
MCLKc	Cream Caulk
MF12yb	12" Gray & Blue Floor Tile
MF12yg	12" Gray & Green Floor Tile
MF12w	12" White Floor Tile
MF12t	12" Tan Floor Tile
MF12k	12" Black Floor Tile
MF12n	12" Brown Floor Tile
MF9n	9" Brown Floor Tile
MRSow	Orange & White Asphalt Shingle
MRSrw	Red & White Asphalt Shingle
MRSt	Tan Asphalt Shingle
MRSr	Red Asphalt Shingle
MRM	Roof Membrane
MFLn	Brown Linoleum
MFLy	Gray Linoleum
MFLtn	Tan & Brown Linoleum
MFLrn	Red & Brown Linoleum
MFLdn	Gold & Brown Linoleum
MFLyn	Gray & Brown Linoleum
MFB	Fiberboard
MSCT11	1' x 1' Ceiling Tile
MPMt	Tan Wall Panel Mastic
MPG	Glazing Compound
MVI	Vermiculite Insulation
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 5673 North 35th Street, Milwaukee, Wisconsin, took place on July 6, 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 were collected.

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

Interior & Exterior: 5673 North 35th Street, Milwaukee, Wisconsin

- **Painted masonry was not observed on the interior or exterior of the buildings.**

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
1	**Refrigerators**, Freezers, Chillers – Kitchen
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
N/A	Fire Extinguishers (both portable and installed HALON suppression systems)
N/A	Water Coolers

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, FURNACES, HEATERS AND TANKS

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

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. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

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 65	Tar
002	2	Layered	Beige Joint Compound	Asbestos Present Chrysotile 2	NA	CaCO3
002a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
003	3	Homogeneous	Brown/Silver Wrap	Asbestos Not Present	Cellulose 50	Foil
004	4	Homogeneous	Brown/Silver Wrap	Asbestos Not Present	Cellulose 50	Foil
005	5	Homogeneous	Brown/Silver Wrap	Asbestos Not Present	Cellulose 50	Foil
006	6	Homogeneous	Yellow Caulk	Asbestos Present Chrysotile 4	NA	CaCO3

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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. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	White Caulk	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
008	8	Homogeneous	White Floor Tile	Asbestos Not Present	Synthetic 5	Vinyl CaCO3
009	9	Homogeneous	Brown/White Shingle	Asbestos Not Present	Cellulose 25	Sand Tar
010	10	Homogeneous	Brown/White Shingle	Asbestos Not Present	Cellulose 25	Sand Tar
011	11	Homogeneous	Brown/White Shingle	Asbestos Not Present	Cellulose 25	Sand Tar
012	12	Homogeneous	Brown/White Shingle	Asbestos Not Present	Cellulose 25	Sand Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
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Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013	13	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
014	14	Homogeneous	Brown/White Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
015	15	Homogeneous	Green/Tan Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
016	16	Homogeneous	Green/Tan Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
017	17	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
018	18	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	25	Sand Tar
019	19	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose	25	Sand Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 25	Sand Tar
021	21	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose 20 Synthetic 8	Sand Tar
022	22	Layered	Silver Paint	Asbestos Not Present	Wollastonite 4	Paint
022a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 65	Tar
022b		Layered	Black Tar	Asbestos Present Chrysotile 8	NA	Tar
023	23	Layered	Silver Paint	Asbestos Not Present	Wollastonite 4	Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 65	Tar
023b		Layered	Black Tar	Asbestos Present Chrysotile 5	NA	Tar
024	24	Layered	Silver Paint	Asbestos Not Present	Wollastonite 4	Paint
024a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 65	Tar
024b		Layered	Black Tar	Asbestos Present Chrysotile 5	NA	Tar
025	25	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
026	26	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
027	27	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
027a		Layered	Gray Plaster	Asbestos Not Present	NA		Sand Gypsum
028	28	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	75	Tar
029	29	Layered	Brown Linoleum	Asbestos Not Present	Cellulose Synthetic	25 20	CaCO3 Binder
029a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
030	30	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose	95	Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031	31	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose	95	Binder
032	32	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose	95	Binder
033	33	Homogeneous	Brown Ceiling Tile	Asbestos Not Present	Cellulose	95	Binder
034	34	Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA		CaCO3
034a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
035	35	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
035a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	36	Layered	White Joint Compound	Asbestos Present Chrysotile 2	NA	CaCO3
036a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
037	37	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038	38	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
039	39	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
040	40	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
040a		Layered	Gray Mastic	Asbestos Not Present	NA		Glue
040b		Layered	Tan Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Binder
040c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	65	Tar
041	41	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
042	42	Homogeneous	Beige Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
043	43	Layered	Black Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
043a		Layered	Tan Mastic	Asbestos Not Present	NA		Glue

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Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
044	44	Homogeneous	Tan Mastic	Asbestos Not Present	NA		Glue CaCO3
045	45	Homogeneous	White Caulk	Asbestos Not Present	NA		Silicone
046	46	Layered	Tan Linoleum	Asbestos Not Present	Cellulose	35	Tar CaCO3
046a		Layered	White Mastic	Asbestos Not Present	Cellulose	3	Glue
047	47	Layered	Gray Linoleum	Asbestos Not Present	Cellulose	35	Tar CaCO3
047a		Layered	Brown Mastic	Asbestos Not Present	Cellulose	5	Glue

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296433
Account Number: B929
Date Received: 07/09/2018
Received By: Travis Miller
Date Analyzed: 07/16/2018
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: 18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
048	48	Homogeneous	Red Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Binder
049	49	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
049a		Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
049b		Layered	Tan Linoleum	Asbestos Not Present	Cellulose 30	CaCO3 Tar
049c		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
050	50	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
051	51	Homogeneous	Gray Cement	Asbestos Not Present	NA	Sand 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.	296433	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	07/09/2018		
Received By:	Travis Miller		
Date Analyzed:	07/16/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.5673

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052	52	Homogeneous	Gold Insulation	Asbestos Not Present	NA	Vermiculite

Gayle Ooten, Analyst

7/16/2018
Date of Report

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

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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. 296433	
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:	18-400-024.5673
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/6/18 1700	FedEx	[signature] 18-7-9 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			☐	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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For Lab Use Only
Lab No. 296433
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. 296433
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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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 296433
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
S_1	S1	☒				
S_2	S2	☒				
_3		☐				
_4		☐				
_5		☐				
_6		☐				
_7		☐				
_8		☐				
_9		☐				
_0		☐				
_1		☐				
_2		☐				
_3		☐				
_4		☐				
_5		☐				
_6		☐				
_7		☐				
_8		☐				
_9		☐				
_0		☐				

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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. 297618
Account Number: B929
Date Received: 08/07/2018
Received By: Katie Davis
Date Analyzed: 08/08/2018
Analyzed By: Cassie Sanborn
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 296433
Project Location: Milwaukee, WI
Project Number: 18-400-024.5673 - REVISED

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	2	Homogeneous	Beige Joint Compound	Asbestos Present Chrysotile 1.00 400 Point Count	NA	CaCO3
002	34	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 0.25 400 Point Count	NA	CaCO3
003	36	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 0.75 400 Point Count	NA	CaCO3

Cassie Sanborn, Analyst

8/24/2018
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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For Lab Use Only
Lab No. 297018
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:	18-400-024.5673
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	8/7/18 945	Email	[signature]	8-7-18 9:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☐ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☑ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count		☐ 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

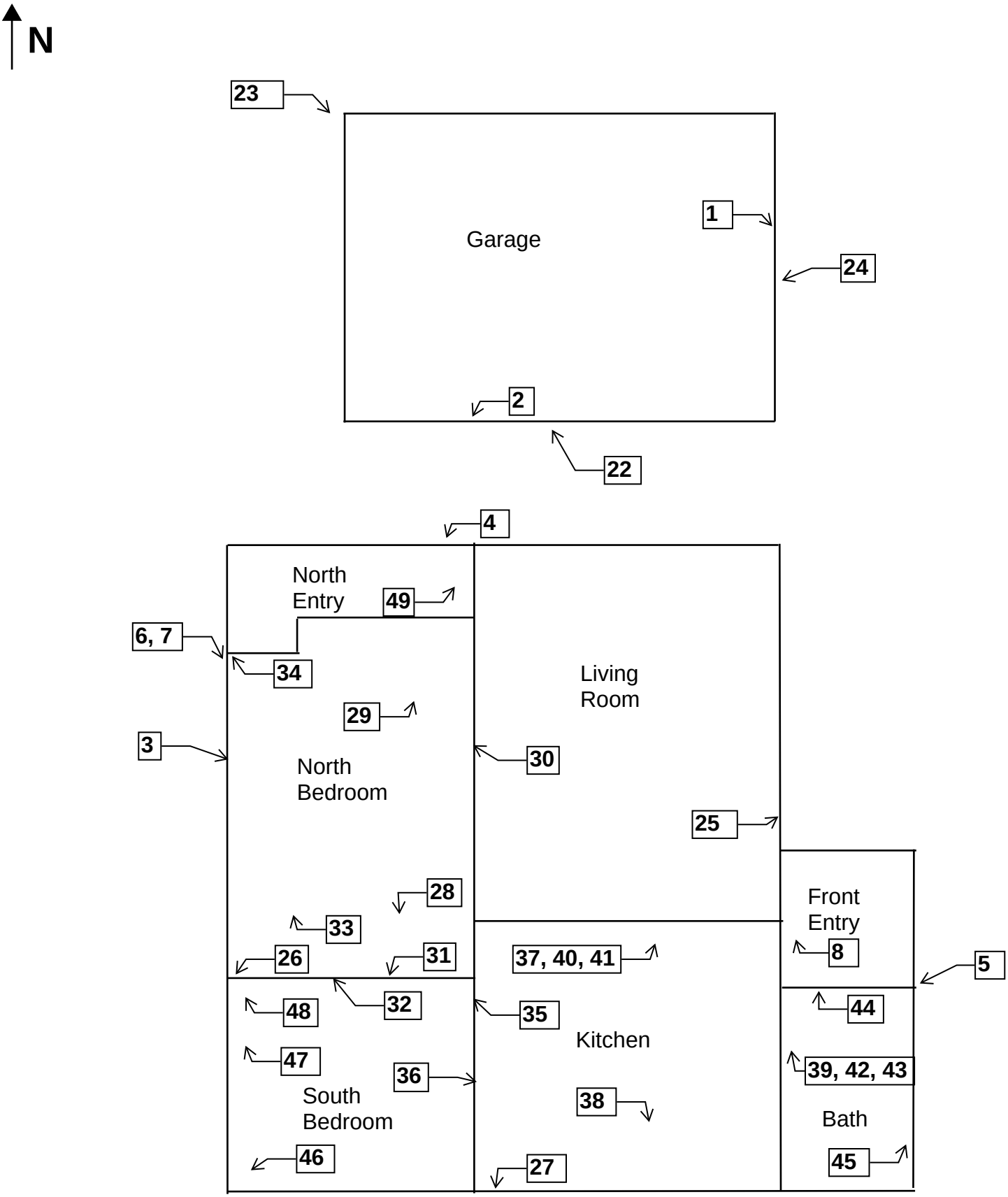
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	2	☑		joint compound		Quantem Lab No. 296433
2	34	☑		joint compound		
3	36	☑		joint compound		
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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

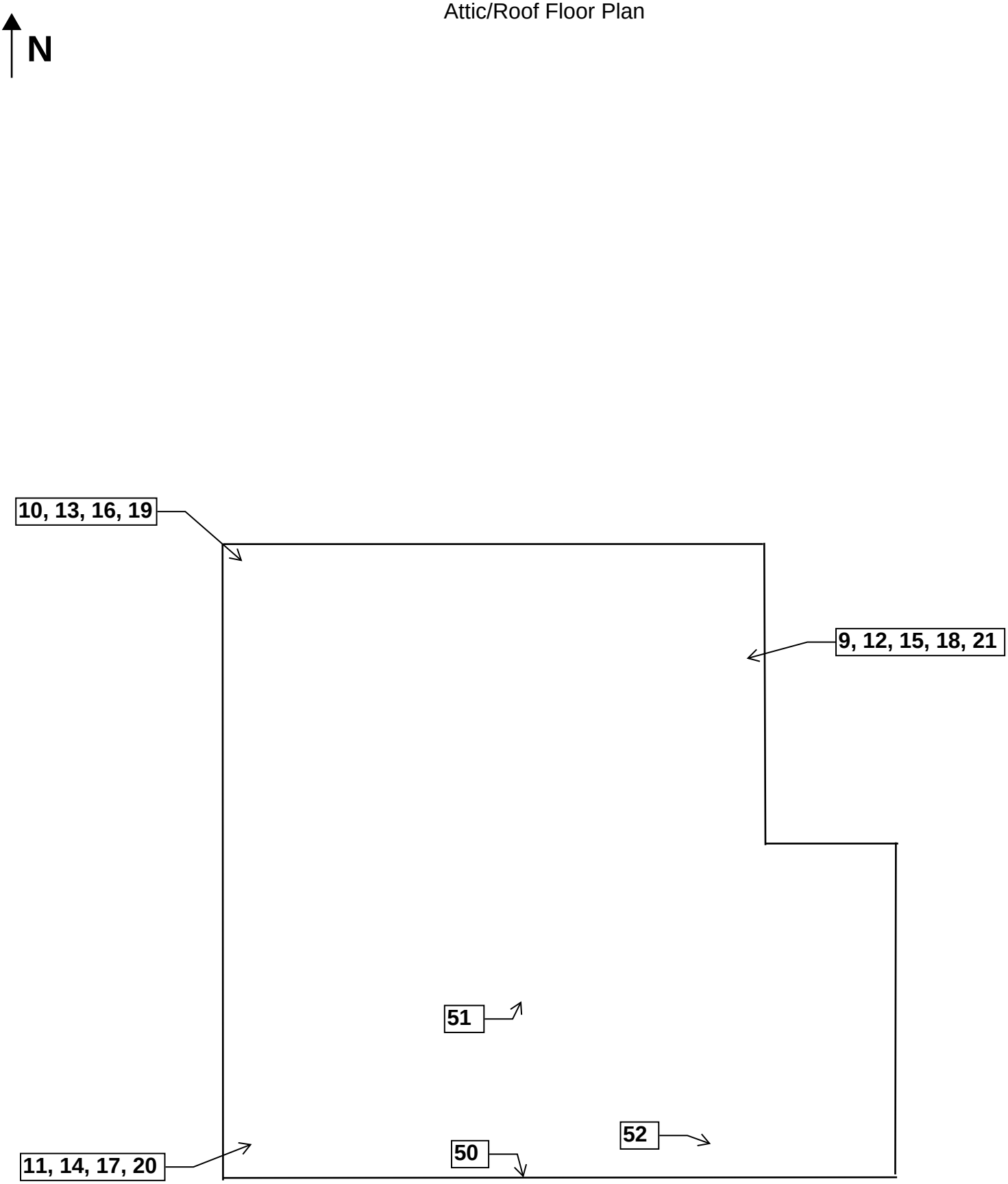
One Family Dwelling
5673 North 35th Street
Milwaukee, Wisconsin

1st Floor Plan



One Family Dwelling
5673 North 35th Street
Milwaukee, Wisconsin

Attic/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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

Follow Wisconsin law by making sure that you:

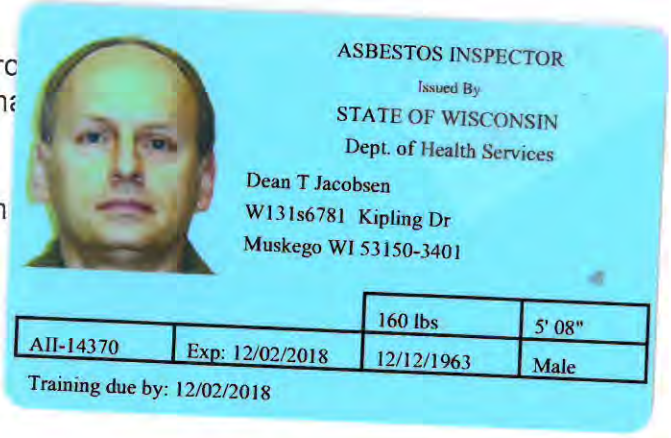
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2500-02 West Burleigh 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.: 18-400-024.2500-02
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
2500-02 West Burleigh 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 28, 2018

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

RE: Deconstruction Inspection Report
2500-02 West Burleigh Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2500-02 West Burleigh 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 2500-02 West Burleigh 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 transite siding, window glazing compound, duct wrap, and magnesia pipe insulation 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 exterior basement walls. Results are in Section V of this report.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

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

VI. Exclusions 7

VII. Limitations 7

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 and garage at 2500-02 West Burleigh 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. 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 December 6, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2500-02 West Burleigh Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Asphalt roofing
- Glazing compound
- Tar paper
- Paper insulation
- Transite siding
- Blown in insulation
- Texture
- Duct wrap
- Floor tile
- Linoleum
- Flue packing
- Drywall/joint compound

- Magnesia pipe insulation
- Ceramic tile
- Ceiling tile
- Stair tread
- Plaster
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (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	Garage Roof – south side – green asphalt shingle	Negative	MRSg
2	Garage Roof – north side – green asphalt shingle	Negative	MRSg
3	Garage Roof – east side – green asphalt shingle	Negative	MRSg
4	Garage – on south window – glazing compound	Negative	MPG
5	House Exterior – on west window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
6	**House Exterior – on east window – glazing compound**	**Positive 3% Chrysotile**	**MPG**
6	**POINT COUNT RESULT**	**Positive 1.75% Chrysotile**	**MPG**
7	House Roof – east side – white and red asphalt shingle	Negative	MRSwr
8	House Roof – south side – white and red asphalt shingle	Negative	MRSwr
9	House Roof – west side – white and red asphalt shingle	Negative	MRSwr
10a	Exterior – north wall under transite siding – on tar paper – tar	Negative	MPT
10b	Exterior – north wall under transite siding – tar paper	Negative	MPT
11a	Exterior – east wall under transite siding – on tar paper – tar	Negative	MPT
11b	Exterior – east wall under transite siding – tar paper	Negative	MPT
12a	Exterior – west wall under transite siding – on tar paper – tar	Negative	MPT
12b	Exterior – west wall under transite siding – tar paper	Negative	MPT
13	Exterior – north wall under wood siding – red paper insulation	Negative	MPIr
14	Exterior – east wall under wood siding – red paper insulation	Negative	MPIr
15	Exterior – west wall under wood siding – red paper insulation	Negative	MPIr
16	**Exterior – north wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
17	**Exterior – east wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
18	**Exterior – west wall – transite siding**	**Positive 20% Chrysotile**	**MTP**
19	Exterior – in north wall – blown in insulation	Negative	MBI
20	Exterior – in east wall – blown in insulation	Negative	MBI
21	Exterior – in west wall – blown in insulation	Negative	MBI
22	1st floor – living room – on ceiling – texture	Negative	STX
23	1st floor – north bedroom – on ceiling – texture	Negative	STX
24	1st floor – rear stair – on west wall – texture	Negative	STX
25	**1st floor – dining room – on west wall duct – duct wrap**	**Positive 80% Chrysotile**	**TDW**
26	**1st floor – bathroom – on north wall duct – duct wrap**	**Positive 80% Chrysotile**	**TDW**
27	**1st floor – kitchen – on south wall duct – duct wrap**	**Positive 80% Chrysotile**	**TDW**
28	1st floor – bathroom – 12” yellow floor tile	Negative	MF12l
29	1st floor – kitchen – 12” red floor tile	Negative	MF12r
30	1st floor – pantry – on counter – white and gold linoleum	Negative	MFLwd
31a	Basement – on chimney – flue packing top layer	Negative	TFP
31b	Basement – on chimney – flue packing bottom layer	Negative	TFP
32	Basement – north side – 12” brown and tan floor tile	Negative	MF12nt
33	Basement – east side – 12” brown and tan floor tile	Negative	MF12nt
34	Basement – south side – 12” brown and tan floor tile	Negative	MF12nt
35	Basement – north wall – drywall	Negative	MDW
36a	Basement – east wall – joint compound	Negative	MDW
36b	Basement – east wall – drywall	Negative	MDW
37	2nd floor – living room – east wall – drywall	Negative	MDW
38	**Basement – bathroom – in ceiling - <5” diameter magnesia pipe insulation**	**Positive 85% Chrysotile**	**TM5**
39a	Basement – on north center wall – 4” tan ceramic tile	Negative	MCTM4t

Sample #	Location and Description	Results	Homogeneous Code
39b	Basement – on north center wall – under 4” tan ceramic tile – yellow mastic	Negative	MCTM4t
39c	Basement – on north center wall – grout	Negative	MCTM4t
40	Basement – southeast – white and blue linoleum	Negative	MFLwb
41	Basement – southwest – white and tan linoleum	Negative	MFLwt
42	Basement – south center – red and tan linoleum	Negative	MFLrt
43	Basement – south side – 1’ x 1’ ceiling tile	Negative	MSCT11
44	Basement – north side – beige linoleum	Negative	MFLe
45	Basement – stair – black stair tread	Negative	MSTk
46	Basement – stair landing – multicolored linoleum	Negative	MFLm
47	2nd floor – living room – on ceiling – texture #2	Negative	STX2
48	2nd floor – dining room – on ceiling – texture #2	Negative	STX2
49	2nd floor – kitchen – on ceiling – texture #2	Negative	STX2
50a	2nd floor – dining room – on west wall – red ceramic tile	Negative	MCTMr
50b	2nd floor – dining room – on west wall – under red ceramic tile – gray mastic	Negative	MCTMr
51	2nd floor – bathroom top layer – 12” blue and white floor tile	Negative	MF12bw
51	2nd floor – bathroom 2nd layer – tan linoleum	Negative	MFLt
51	2nd floor – bathroom 3rd layer – tar paper #2	Negative	MPT2
52	2nd floor – kitchen – on north wall – texture #3	Negative	STX3
53	2nd floor – kitchen – on south wall – texture #3	Negative	STX3
54	2nd floor – kitchen – on west wall – texture #3	Negative	STX3
55	2nd floor – pantry – black linoleum	Negative	MFLk
56	Attic – stair landing – blue and black linoleum	Negative	MFLbk
57a	2nd floor – dining room – east wall – plaster skim coat	Negative	SPl
57b	2nd floor – dining room – east wall – plaster base coat	Negative	SPl
58a	2nd floor – south bedroom – west wall – plaster skim coat	Negative	SPl
58b	2nd floor – south bedroom – west wall – plaster base coat	Negative	SPl
59a	1st floor – dining room – east wall – joint compound	Negative	SPl
59b	1st floor – dining room – east wall – plaster skim coat	Negative	SPl
59c	1st floor – dining room – east wall – plaster base coat	Negative	SPl
60	1st floor – bathroom – west wall – plaster	Negative	SPl
61a	1st floor – north bedroom – west wall – plaster skim coat	Negative	SPl
61b	1st floor – north bedroom – west wall – plaster base coat	Negative	SPl

Three (3) of the materials sampled contains greater than 1% asbestos and is an asbestos containing material (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	House Exterior Walls	2,700 SF	Good
<5” Diameter Magnesia Pipe Insulation	TM5	Basement Bathroom Ceiling	5 LF	Poor
Duct Wrap	TDW	Ducts in 1st Floor Walls, 1st Floor Pantry Duct, Vents in 1st & 2nd Floor Rooms, Basement Ducts	180 SF	Poor
Window Glazing Compound	MPG	Windows on All Floors	46 Windows	Fair

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	4 SF	Good

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: 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 and magnesia may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
STX3	Texture #3
MRSg	Green Asphalt Shingle
MRSwr	White & Red Asphalt Shingle
MPG	Glazing Compound
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MPIr	Red Paper Insulation
MTP	Transite Siding
MBI	Blown in Insulation
MF12l	12” Black & White Floor Tile
MF12r	12” Red Floor Tile
MF12nt	12” Brown & Tan Floor Tile
MF12bw	12” Blue & White Floor Tile
MFLwd	White & Gold Linoleum
MFLwb	White & Blue Linoleum
MFLwt	White & Tan Linoleum
MFLrt	Red & Tan Linoleum
MFLe	Beige Linoleum
MFLm	Multicolored Linoleum
MFLt	Tan Linoleum
MFLk	Black Linoleum
MFLbk	Blue & Black Linoleum
MDW	Drywall/Joint Compound
MCTM4t	4” Tan Ceramic Tile
MCTMr	Red Ceramic Tile
MSCT11	1’ x 1’ Ceiling Tile
MSTk	Black Stair Tread
TDW	Duct Wrap
TFP	Flue Packing
TM5	<5” Diameter Magnesia Pipe Insulation

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 2500-02 West Burleigh Street, Milwaukee, Wisconsin, took place on December 6, 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 X.

Interior: 2500-02 West Burleigh Street, Milwaukee, Wisconsin

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

Exterior: 2500-02 West Burleigh Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2500-02 West Burleigh Street, Milwaukee, Wisconsin Date: 12/6/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	East Wall	Block	Gray	0.0211
P2	Exterior	North Wall	Block	White	0.0197

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 – 2 Electric 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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302793
Account Number: B929
Date Received: 12/10/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
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: 18-400-024.2500-02

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

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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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	White Shingle	Asbestos Not Present	Cellulose	20	Sand Tar
009	9	Homogeneous	White Shingle	Asbestos Not Present	Cellulose	20	Sand Tar
010	10	Layered	Black Tar	Asbestos Not Present	NA		Tar
010a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
011	11	Layered	Black Tar	Asbestos Not Present	NA		Tar
011a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar

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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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	12	Layered	Black Tar	Asbestos Not Present	NA	Tar
012a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
013	13	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
014	14	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
015	15	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
016	16	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
017	17	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3

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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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	18	Homogeneous	Gray Transite	Asbestos Present Chrysotile 20	NA	CaCO3
019	19	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
020	20	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
021	21	Homogeneous	Tan Insulation	Asbestos Not Present	Cellulose 100	
022	22	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	23	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025	25	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder
026	26	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder
027	27	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 80	NA	Binder
028	28	Homogeneous	Cream Floor Tile	Asbestos Not Present	Cellulose 5	Vinyl CaCO3
029	29	Homogeneous	Brown Floor Tile	Asbestos Not Present	Cellulose 5	Vinyl CaCO3
030	30	Homogeneous	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 25 Synthetic 10	Vinyl Binder

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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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
031a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
032	32	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
033	33	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
034	34	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
035	35	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum

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Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
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: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	36	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
036a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
037	37	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
038	38	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 85	NA	Binder
039	39	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
039a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
039b		Layered	Cream Grout	Asbestos Not Present	NA	Sand CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
040	40	Homogeneous	Tan Flooring	Asbestos Not Present	NA		Vinyl Binder
041	41	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	15	Vinyl
042	42	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose Synthetic	15 5	Vinyl
043	43	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Paint Perlite
044	44	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	10	Vinyl
045	45	Homogeneous	Black Stair Tread	Asbestos Not Present	NA		Vinyl

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
046	46	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose 25	Vinyl
047	47	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
048	48	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
049	49	Homogeneous	White Paint	Asbestos Not Present	NA	Paint
050	50	Layered	Red Ceramic Tile	Asbestos Not Present	NA	Clay CaCO3 Binder
050a		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
051	51	Layered	Gray Floor Tile	Asbestos Not Present	Cellulose 5	Vinyl CaCO3

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Methodology: EPA/600/R-93/116

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
051a		Layered	Tan Linoleum	Asbestos Not Present	Cellulose Synthetic	10 10	Vinyl Binder
051b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
052	52	Layered	White Texture	Asbestos Not Present	NA		CaCO3 Paint
052a		Layered	White Plaster	Asbestos Not Present	NA		Sand CaCO3
053	53	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3 Paint
054	54	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
055	55	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose Synthetic	10 10	Vinyl
056	56	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose Synthetic	15 5	Tar
057	57	Layered	White Skim Coat	Asbestos Not Present	NA		Sand CaCO3
057a		Layered	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3
058	58	Layered	White Skim Coat	Asbestos Not Present	NA		Sand CaCO3 Paint
058a		Layered	Gray Plaster	Asbestos Not Present	NA		Sand CaCO3
059	59	Layered	White Texture	Asbestos Not Present	Wollastonite	6	CaCO3 Paint

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
059a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
059b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
060	60	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
061	61	Layered	White Skim Coat	Asbestos Not Present	NA	Sand CaCO3
061a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

Gayle Ooten, Analyst

12/27/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 302793	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2500-02
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/7/18 1200	FedEx	[illegible] 12/10/18	9:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count		☐ 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. 302793
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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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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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only
Lab No. 302793
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	☑				
2		☐				
3		☐				
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
2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	303383	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	12/28/2018		
Received By:	Taylor Van Syckle		
Date Analyzed:	12/28/2018	Project:	DNS 400 PTCT for 302793
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee,WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2500-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	6	Homogeneous	White Window Glazing	Asbestos Present Chrysotile 1.75 400 Point Count	NA	

Gayle Ooten, Analyst

12/28/2018
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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ASBESTOS CHAIN OF CUSTODY

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For Lab Use Only	
Lab No. 303383	
Accept	Reject

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2500-02
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	12/28/18 840	Email	[illegible]	12/28/18 8:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

PCM	
☐	NIOSH 7400

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

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

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	6	☑				QuanTEM Lan No. 302793
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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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: 302795
Date Received: 12/10/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/13/18

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.: 18-400-024.2500-02

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.0211	0.0049	%	12/12/18 14:50	P EPA 7000B (1)
002	P02	Paint	Lead	0.0197	0.00488	%	12/12/18 14:50	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

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For Lab Use Only	
Lab No. 302795	
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:	18-400-024.2500-02

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/7/18 1700	FedEx	Jaylyn Hoy	12-10-18 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														
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

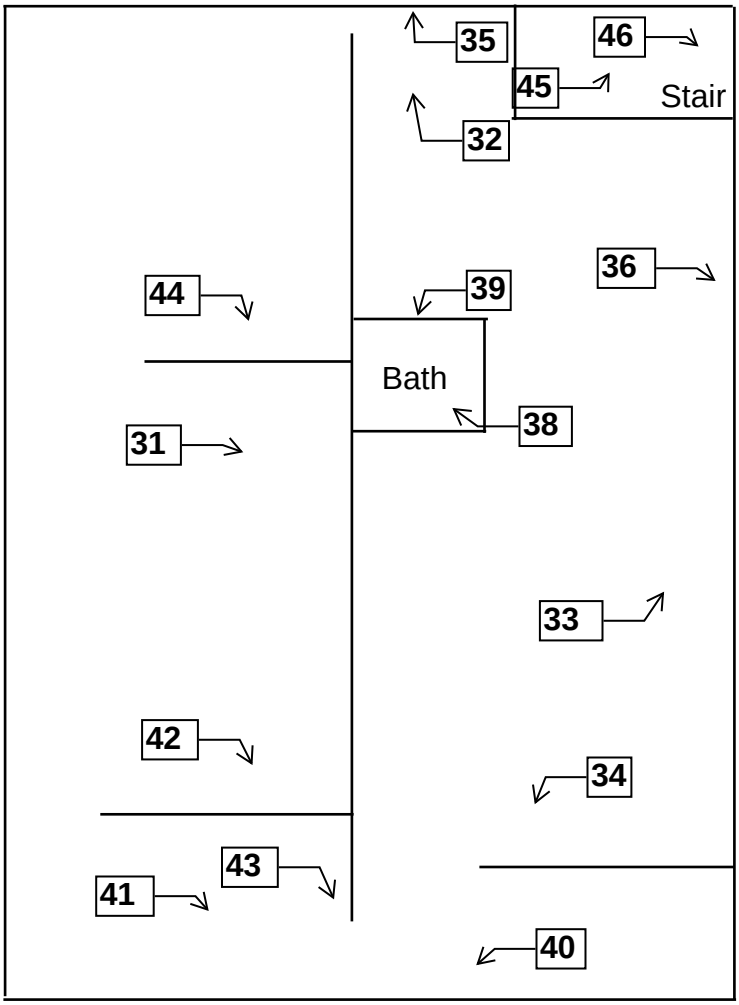
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

Two Family Dwelling
2500-02 West Burleigh Street
Milwaukee, Wisconsin

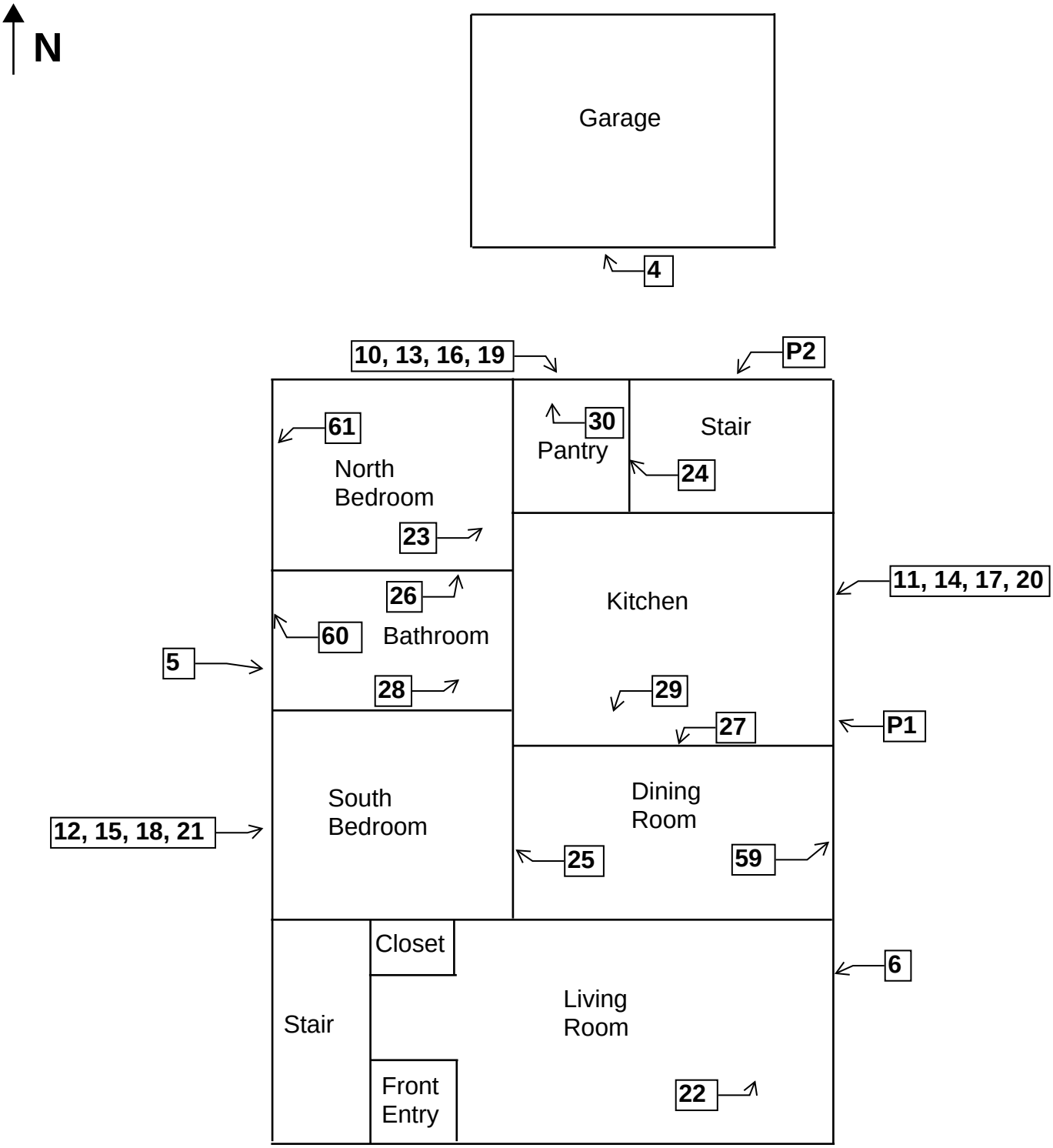
N

Basement Floor Plan



Two Family Dwelling
2500-02 West Burleigh Street
Milwaukee, Wisconsin

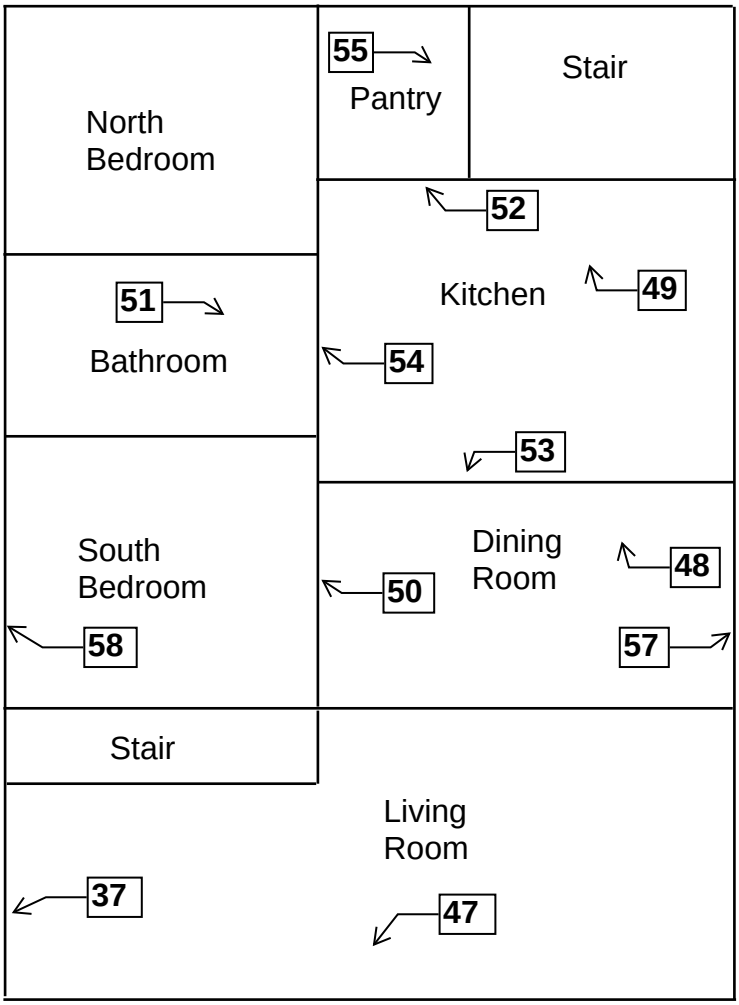
1st Floor Plan



Two Family Dwelling
2500-02 West Burleigh Street
Milwaukee, Wisconsin

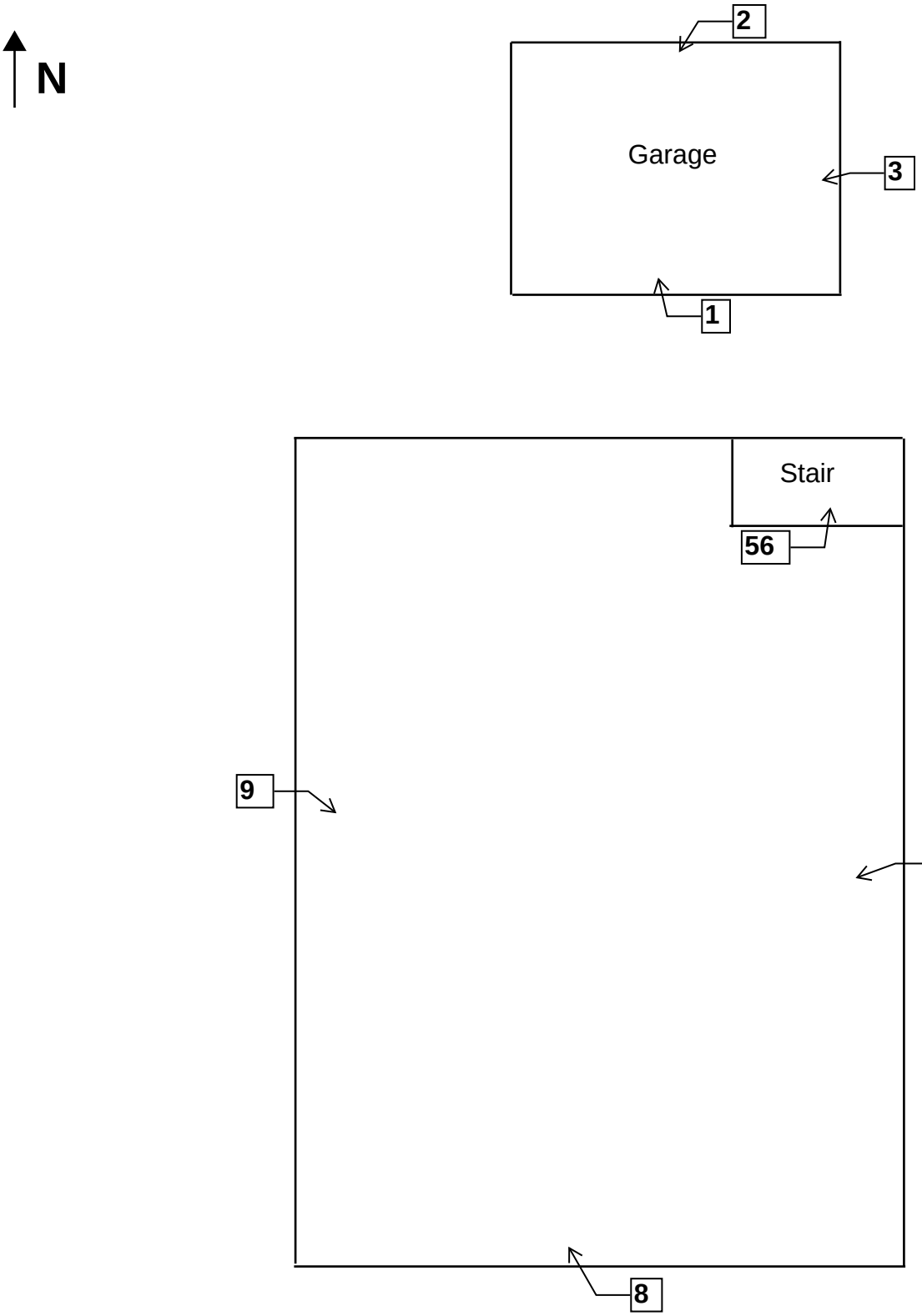
N

2nd Floor Plan



Two Family Dwelling
2500-02 West Burleigh 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:

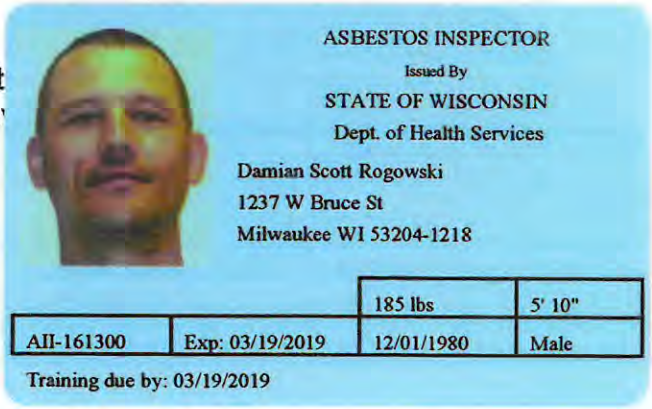
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

Two Family Dwelling
3617 West Hampton Avenue
Milwaukee, Wisconsin

For:

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

HMG Report No.: 18-400-024.3617
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

April 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
3617 West Hampton Avenue
Milwaukee, Wisconsin

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

April 30, 2018

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

RE: Deconstruction Inspection Report
3617 West Hampton Avenue
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3617 West Hampton Avenue, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3617 West Hampton Avenue, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in exterior caulk, window glazing compound, duct wrap, brown panel mastic, black panel mastic, 12" cream floor tile, 12" white and cream floor tile, and 9" brown and beige floor tile. Asbestos was detected below 1% in vermiculite insulation and in brown panel mastic. Results are in Section IV of this report.

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

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
A. Method of Analysis

IV. Asbestos Findings and Observations 2

V. Lead Paint Inspection 10
A. Methods
B. Component Testing Results

VI. Exclusions 11

VII. Limitations 11

VIII. Pre-Demolition Environmental Checklist 13

IX. Asbestos Laboratory Results 17

X. Lead Laboratory Results 18

XI. Floor Plans 19

XII. HMG Certifications 20

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 3617 West Hampton Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl, asphalt, and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On April 18, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3617 West Hampton Avenue, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Asphalt shingle siding
- Paper insulation
- Caulk
- Tar paper
- Glazing compound
- Linoleum
- Drywall/joint compound
- Plaster
- Floor tile
- Ceiling tile
- Vermiculite insulation
- Duct wrap
- Ceramic tile
- Flue packing

- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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	Exterior – south wall – under vinyl siding – gray asphalt shingle siding	Negative	MSSy
2	Exterior – east wall – under vinyl siding – gray asphalt shingle siding	Negative	MSSy
3	Exterior – west wall – under vinyl siding – gray asphalt shingle siding	Negative	MSSy
4	Exterior – south wall – under gray asphalt shingle siding – red asphalt shingle siding	Negative	MSSr
5	Exterior – east wall – under gray asphalt shingle siding – red asphalt shingle siding	Negative	MSSr
6	Exterior – west wall – under gray asphalt shingle siding – red asphalt shingle siding	Negative	MSSr
7	Exterior – south wall – under wood siding – brown paper insulation	Negative	MPIn

Sample #	Location and Description	Results	Homogeneous Code
8	Exterior – east wall – under wood siding – brown paper insulation	Negative	MPIn
9	Exterior – west wall – under wood siding – brown paper insulation	Negative	MPIn
10	**Exterior – on east window – tan caulk**	**Positive 5% Chrysotile**	**MCLKt**
11	Exterior – around east window – brown caulk	Negative	MCLKn
12	Exterior – east wall under southeast window – tar paper	Negative	MPT
13	**Exterior – under southeast window – beige caulk**	**Positive 4% Chrysotile**	**MCLKe**
14	1st floor – living room – on west window – glazing compound	Negative	MPG
14A	2nd floor – living room – on west window – glazing compound	Negative	MPG
14B	**Basement – on east window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
15	Exterior – south wall – under red asphalt shingle siding – tar paper #2	Negative	MPT2
16	1st floor – rear stair – on steps under carpet – tan and blue linoleum	Negative	MFLtb
17a	1st floor – southeast room – north wall – newer joint compound	Negative	MDW
17b	1st floor – southeast room – north wall – newer drywall	Negative	MDW
20a	1st floor – southeast room – south wall – under newer drywall – old drywall	Negative	MDW2
20b	1st floor – southeast room – south wall – under newer drywall – old joint compound	Negative	MDW2
23a	1st floor – southeast room – north wall under drywall – texture	Negative	SPl
23b	1st floor – southeast room – north wall under drywall – plaster	Negative	SPl
24a	1st floor – living room – west wall – joint compound layer	Negative	SPl
24b	1st floor – living room – west wall – plaster skim coat	Negative	SPl
24c	1st floor – living room – west wall – plaster base coat	Negative	SPl
25a	2nd floor – north bedroom – north wall – plaster skim coat	Negative	SPl
25b	2nd floor – north bedroom – north wall – plaster base coat	Negative	SPl
26a	1st floor – living room at front entry – 2nd layer – 12” beige and tan floor tile	Negative	MF12et
26b	1st floor – living room at front entry – 2nd layer – under 12” beige and tan floor tile – brown mastic	Negative	MF12et
27a	1st floor – living room at front entry – 3rd layer – brown linoleum	Negative	MFLn
27b	1st floor – living room at front entry – 4th layer – black linoleum	Negative	MFLk
28	**1st floor – living room – on north wall under panel – brown mastic**	**Positive 10% Chrysotile**	**MPMn**
29a	1st floor – south bedroom – under carpet – carpet pad	Negative	MF12w
29b	1st floor – south bedroom – under carpet – 12” white floor tile	Negative	MF12w
29c	1st floor – south bedroom – under carpet – under 12” white floor tile – yellow mastic	Negative	MF12w
29d	1st floor – south bedroom – 3rd layer – red linoleum	Negative	MFLr

Sample #	Location and Description	Results	Homogeneous Code
30	1st floor – south bedroom – 4th layer – orange and green linoleum	Negative	MFLog
31	1st floor – south bedroom – bottom layer – tan paper insulation	Negative	MPIt
32a	1st floor – kitchen – north side top layer – 12” gray and blue floor tile	Negative	MF12yb
32b	1st floor – kitchen – north side 2nd layer – 12” beige floor tile	Negative	MF12e
33a	1st floor – kitchen – east side top layer – 12” gray and blue floor tile	Negative	MF12yb
33b	1st floor – kitchen – eastside 2nd layer – 12” beige floor tile	Negative	MF12e
34a	1st floor – kitchen – south side top layer – 12” gray and blue floor tile	Negative	MF12yb
34b	1st floor – kitchen – south side 2nd layer – 12” beige floor tile	Negative	MF12e
35	1st floor – kitchen – north side 3rd layer – 12” tan and brown floor tile	Negative	MF12tn
36	1st floor – kitchen – east side 3rd layer – 12” tan and brown floor tile	Negative	MF12tn
37	1st floor – kitchen – south side 3rd layer – 12” tan and brown floor tile	Negative	MF12tn
38a	1st floor – kitchen – northwest 4th layer – tar paper #3	Negative	MPT3
38b	1st floor – kitchen – northwest 4th layer – under tar paper #3 – brown mastic	Negative	MPT3
38c	1st floor – kitchen – northwest 4th layer – under brown mastic – black paper insulation	Negative	MPIk
38d	1st floor – kitchen – northwest 4th layer – under black paper insulation – brown mastic	Negative	MPIk
39a	1st floor – kitchen – 4th layer at basement stair – gray linoleum	Negative	MFLy
39b	1st floor – kitchen – 4th layer at basement stair – under gray linoleum – brown mastic	Negative	MFLy
39c	1st floor – kitchen – 5th layer at basement stair – tar paper	Negative	MFLy
39d	1st floor – kitchen – 5th layer at basement stair – under tar paper – brown mastic	Negative	MFLy
40a	1st floor – kitchen – on northeast wall – tan and black linoleum	Negative	MFLtk
40b	1st floor – kitchen – on northeast wall – under tan and black linoleum – brown mastic	Negative	MFLtk
41	1st floor – bathroom – 12” tan floor tile	Negative	MF12t
42	1st floor – bathroom – on east wall under panel – beige mastic	Negative	MPMe
43	1st floor – bathroom – 2’ x 4’ ceiling tile	Negative	MSCT24
44	1st floor – kitchen – on north counter top – white linoleum	Negative	MFLw
45	1st floor – kitchen – in west wall – vermiculite insulation	Trace <1% Actinolite/ Tremolite	MVI
45	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	MVI
46	1st floor – south bedroom – in east wall – vermiculite insulation	Trace <1% Actinolite/ Tremolite	MVI
46	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	MVI

Sample #	Location and Description	Results	Homogeneous Code
47	Attic – on southwest floor – vermiculite insulation	Trace <1% Actinolite/ Tremolite	MVI
47	POINT COUNT RESULT	Trace <0.25% Actinolite/ Tremolite	MVI
48	**1st floor – kitchen – on north wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
49	1st floor – bathroom – on south wall under plastic tile – brown mastic #2	Positive 3% Chrysotile	MPMn2
49	POINT COUNT RESULT	Trace 0.75% Chrysotile	MPMn2
50	2nd floor – stair landing – gray and blue linoleum	Negative	MFLyb
51	2nd floor – kitchen top layer – gray and green linoleum	Negative	MFLyg
52	2nd floor – kitchen 3rd layer – 12" brown floor tile	Negative	MF12n
53a	**2nd floor – kitchen 4th layer – 12" cream floor tile**	**Positive 4% Chrysotile**	**MF12c**
53b	2nd floor – kitchen 4th layer – under 12" cream floor tile – brown mastic	Negative	MF12c
53c	2nd floor – kitchen 4th layer – under brown mastic – tar paper	Negative	MF12c
54	2nd floor – kitchen 5th layer – brown and green linoleum	Negative	MFLng
55	2nd floor – kitchen 7th layer – tar paper #4	Negative	MPT4
56	2nd floor – kitchen 8th layer – brown/yellow/green linoleum	Negative	MFLnlg
57a	2nd floor – kitchen – west wall – plaster #2 skim coat	Negative	SPl2
57b	2nd floor – kitchen – west wall – plaster #2 base coat	Negative	SPl2
57c	2nd floor – kitchen – west wall – drywall	Negative	SPl2
58a	2nd floor – living room – north wall – plaster #2 skim coat	Negative	SPl2
58b	2nd floor – living room – north wall – plaster #2 base coat	Negative	SPl2
58c	2nd floor – living room – north wall – drywall	Negative	SPl2
59a	2nd floor – south bedroom – east wall – plaster #2 skim coat	Negative	SPl2
59b	2nd floor – south bedroom – east wall – plaster #2 base coat	Negative	SPl2
59c	2nd floor – south bedroom – east wall – drywall	Negative	SPl2
60	2nd floor – kitchen – on south wall under panel – gold mastic	Negative	MPMd
61a	2nd floor – bathroom top layer – 12" white and tan floor tile	Negative	MF12wt
61b	2nd floor – bathroom 2nd layer – 12" gray floor tile	Negative	MF12y
61c	2nd floor – bathroom 3rd layer – 12" tan floor tile #2	Negative	MF12t2
61d	2nd floor – bathroom 4th layer – leveling compound	Negative	MLC
62	2nd floor – bathroom bottom layer – beige/red/green linoleum	Negative	MFLerg
63	2nd floor – bathroom – on west wall under panel – yellow mastic	Negative	MPMl
64a	2nd floor – bathroom – on counter top – cream ceramic tile	Negative	MCTMc
64b	2nd floor – bathroom – on counter top – under cream ceramic tile – yellow mastic	Negative	MCTMc
65	2nd floor – living room – south side under carpet – tan/ brown/green linoleum	Negative	MFLtng
66	2nd floor – living room – west side under carpet – tan/ brown/green linoleum	Negative	MFLtng
67	2nd floor – living room – north side under carpet – tan/ brown/green linoleum	Negative	MFLtng
68	2nd floor – living room – south side under plywood – tar paper #5	Negative	MPT5

Sample #	Location and Description	Results	Homogeneous Code
69	2nd floor – living room – west side under plywood – tar paper #5	Negative	MPT5
70	2nd floor – living room – north side under plywood – tar paper #5	Negative	MPT5
71	2nd floor – north bedroom under carpet – beige/brown/gray linoleum	Negative	MFLeny
72	2nd floor – north bedroom under beige/brown/gray linoleum – tar paper #6	Negative	MPT6
73	2nd floor – north bedroom under plywood – tan and orange linoleum	Negative	MFLto
74	2nd floor – south bedroom under carpet – tan and cream linoleum	Negative	MFLtc
75	**2nd floor – north bedroom – on north wall under panel – black mastic**	**Positive 5% Chrysotile**	**MPMk**
76	**Attic – center on ducts – duct wrap #2**	**Positive 60% Chrysotile**	**TDW2**
77	Attic – on chimney – black flue packing	Negative	TFPk
78	Roof – top layer – green and white asphalt shingle	Negative	MRSgw
79	Roof – 2nd layer – green asphalt shingle	Negative	MRSg
80	Roof – bottom layer – tar paper #7	Negative	MPT7
81	**Basement – stair landing under carpet – 12" white and cream floor tile**	**Positive 4% Chrysotile**	**MF12wc**
82	Basement – stair landing under 12" white and cream floor tile – orange and black linoleum	Negative	MFLoc
83a	**Basement – northeast corner – 9" brown and beige floor tile**	**Positive 8% Chrysotile**	**MF9ne**
83b	Basement – northeast corner – under 9" brown and beige floor tile – leveling compound	Negative	MLC
84	Basement – bathroom in stack – 9" brown and red floor tile	Negative	MF9nr
85a	Basement – bathroom on walls – gray ceramic tile	Negative	MCTMy
85b	Basement – bathroom on walls – grout	Negative	MCTMy
85c	Basement – bathroom on walls – under gray ceramic tile – yellow mastic	Negative	MCTMy
86	Basement – southwest area – 1' x 1' ceiling tile	Negative	MSCT11
87	Basement – on west side of chimney near top – light gray flue packing	Negative	TFPylight
88	Basement – on west side of chimney near middle – gray flue packing	Negative	TFPy
89	Basement – on south side of chimney near top – dark gray flue packing	Negative	TFPydark
90	Basement – ceiling west side – plaster #3	Negative	SPl3
91	Basement – ceiling southwest side – plaster #3	Negative	SPl3
92	Basement – ceiling east side – plaster #3	Negative	SPl3

Ten (10) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Tan Caulk	MCLKt	Exterior on Windows	16 Windows	Good

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Beige Caulk	MCLKe	Exterior Below Southeast Windows	3 LF	Fair
Window Glazing Compound	MPG	Windows on All Floors	23 Windows	Fair
Brown Panel Mastic	MPMn	1st Floor Living Room North Wall Under Wood Panel	150 SF	Fair
Duct Wrap	TDW	1st Floor Kitchen on North Wall Duct	1 SF	Poor
12" Cream Floor Tile	MF12c	2nd Floor Kitchen 4th Layer	150 SF	Fair
Black Panel Mastic	MPMk	2nd Floor North Bedroom North Wall Under Wood Panel	80 SF	Good
Duct Wrap #2	TDW2	Attic on Ducts	150 SF	Fair
12" White & Cream Floor Tile	MF12wc	Basement Stair Landing Under Carpet	10 SF	Fair
9" Brown & Beige Floor Tile	MF9ne	Basement Northeast Corner & Bathroom	25 SF	Fair

Assumed Asbestos Containing Materials

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

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

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Brown Panel Mastic #2	MPMn2	1st Floor Bathroom South & West Walls Under Plastic Tiles	160 SF	Fair
Vermiculite Insulation	MVI	1st Floor Kitchen West Wall, 1st Floor Living Room West & North Walls, 1st Floor North Bedroom North & East Walls, 1st Floor South Bedroom East Wall, 1st Floor Southeast Room East Wall, 1st Floor Bathroom West & South Walls, Attic on Southwest Floor, Basement on Southwest & East Center Floor & in East Center Ceiling	700 SF	Poor

DHS 159.04 (53) definitions "Vermiculite insulation" means vermiculite that has been expanded through a heating process and is used as loose-fill building insulation. It is a "suspect asbestos-containing material" under sub. DHS 159.04(50). Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test

for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under DHS 159.

Harenda Management Group recommends that the vermiculite insulation be removed by a Wisconsin certified asbestos company as part of the deconstruction project

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

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

KPH recommends that the brown panel mastic #2 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
SPl	Plaster #3
MSSy	Gray Asphalt Shingle Siding
MSSr	Red Asphalt Shingle Siding
MPIn	Brown Paper Insulation
MPIt	Tan Paper Insulation
MPIk	Black Paper Insulation
MCLKt	Tan Caulk
MCLKn	Brown Caulk
MCLKe	Beige Caulk
MPT	Tar Paper
MPT2	Tar Paper #2
MPT3	Tar Paper #3
MPT4	Tar Paper #4
MPT5	Tar Paper #5

Homogeneous Material Codes

MPT6	Tar Paper #6
MPT7	Tar Paper #7
MPG	Glazing Compound
MFLtb	Tan & Blue Linoleum
MFLn	Brown Linoleum
MFLk	Black Linoleum
MFLr	Red Linoleum
MFLog	Orange & Green Linoleum
MFLy	Gray Linoleum
MFLtk	Tan & Black Linoleum
MFLerg	Beige/Red/Green Linoleum
MFLtng	Tan/Brown/Green Linoleum
MFLyb	Gray & Blue Linoleum
MFLyg	Gray & Green Linoleum
MFLng	Brown & Green Linoleum
MFLnlg	Brown/Yellow/Green Linoleum
MFLeny	Beige/Brown/Gray Linoleum
MFLto	Tan & Orange Linoleum
MFLtc	Tan & Cream Linoleum
MDW	Drywall/Joint Compound
MDW2	Drywall/Joint Compound #2
MF12t	12” Tan Floor Tile
MF12w	12” White Floor Tile
MF12yb	12” Gray & Blue Floor Tile
MF12e	12” Beige Floor Tile
MF12t	12” Tan Floor Tile
MF12t2	12” Tan Floor Tile #2
MF12c	12” Cream Floor Tile
MF12wt	12” White & Tan Floor Tile
MF12y	12” Gray Floor Tile
MF12wc	12” White & Cream Floor Tile
MF9ne	9” Brown & Beige Floor Tile
MF9nr	9” Brown & Red Floor Tile
MPMn	Brown Panel Mastic
MPMe	Beige Panel Mastic
MPMn2	Brown Panel Mastic #2
MPMt	Tan Panel Mastic
MPMd	Gold Panel Mastic
MPMl	Yellow Panel Mastic
MPMk	Black Panel Mastic
MLC	Leveling Compound
MCTMc	Cream Ceramic Tile
MCTMy	Gray Ceramic Tile
MRSgw	Green & White Asphalt Shingle
MRSg	Green Asphalt Shingle
MSCT24	2’ x 4’ Ceiling Tile
MSCT11	1’ x 1’ Ceiling Tile
TFPk	Black Flue Packing
TFPy	Gray Flue Packing
TFPylight	Light Gray Flue Packing
TFPydark	Dark Gray Flue Packing
TDW	Duct Wrap
TDW2	Duct Wrap #2

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 3617 West Hampton Avenue, Milwaukee, Wisconsin, took place on April 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. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 3617 West Hampton Avenue, Milwaukee, Wisconsin

- **Painted block was observed on the basement walls. Lead based paint was detected in the gold wall paint.**

Exterior: 3617 West Hampton Avenue, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 3617 West Hampton Avenue, Milwaukee, Wisconsin Date: 4/18/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement Stair	South Wall	Block	White	0.00512
P2	Basement	East Wall	Block	Gold	5.62

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:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, **FURNACES**, **HEATERS** AND TANKS – 2 Furnaces & 2 Water Heaters in Basement. 1 Furnace in Attic.

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

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 Gallon Paint in 1st Floor Kitchen
* 10 Gallons Paint & 2 Gas Meters in Basement

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. 293333
Account Number: B929
Date Received: 04/19/2018
Received By: Amber Bassett
Date Analyzed: 04/24/2018
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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
002	2	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
003	3	Homogeneous	Gray Siding	Asbestos Not Present	Cellulose	60	Tar Sand
004	4	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
005	5	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
006	6	Homogeneous	Red Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
007	7	Homogeneous	Tan Paper	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.

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
009	9	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
010	10	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
011	11	Homogeneous	Gray Caulk	Asbestos Not Present	NA	Silicone
012	12	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
013	13	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Binder

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Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
015	14A	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
016	14B	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
017	15	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
018	16	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose 50	CaCO3 Vinyl Tar
019	17	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
019a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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Dean Jacobsen
1237 West Bruce St.
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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
020a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
021	23	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
021a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
022	24	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
022a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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

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Date Analyzed: 04/24/2018
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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
022b		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	Gypsum Sand
023	25	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
023a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	Gypsum Sand
024	26	Layered	Tan Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
024a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
025	27	Layered	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
025a		Layered	Black Flooring	Asbestos Not Present	Cellulose	10	CaCO3 Vinyl

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

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	28	Homogeneous	Black Mastic	Asbestos Present Chrysotile 10	NA	Binder
027	29	Layered	Yellow Padding	Asbestos Not Present	NA	Foam
027a		Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
027b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
027c		Layered	Red Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
028	30	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 45	CaCO3 Vinyl 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. 293333
Account Number: B929
Date Received: 04/19/2018
Received By: Amber Bassett
Date Analyzed: 04/24/2018
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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	31	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
030	32	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
030a		Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031	33	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031a		Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032	34	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
032a		Layered	White Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116

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Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
033	35	Homogeneous	Yellow Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
034	36	Homogeneous	Yellow Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
035	37	Homogeneous	Yellow Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
036	38	Layered	Gray Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
036a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
036b		Layered	Black Paper	Asbestos Not Present	Cellulose	70	Tar

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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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
036c		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
037	39	Layered	Gray Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
037a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
037b		Layered	Black Paper	Asbestos Not Present	Cellulose	70	Tar
037c		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
038	40	Layered	Yellow Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
038a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue

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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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039	41	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
040	42	Homogeneous	Cream Mastic	Asbestos Not Present	NA	Glue CaCO3
041	43	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
042	44	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
043	45	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <1	NA	Vermiculite
044	46	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <1	NA	Vermiculite

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
045	47	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <1	NA	Vermiculite
046	48	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
047	49	Homogeneous	Yellow Mastic	Asbestos Present Chrysotile 3	NA	Glue CaCO3
048	50	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
049	51	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
050	52	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
051	53	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	CaCO3 Vinyl

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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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
051a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
051b		Layered	Black Paper	Asbestos Not Present	Cellulose	70	Tar
052	54	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
053	55	Homogeneous	Black Paper	Asbestos Not Present	Cellulose	70	Tar
054	56	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
055	57	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint

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Client: Harenda Management Group
Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
055a		Layered	White Plaster	Asbestos Not Present	NA		Gypsum Sand
055b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
056	58	Layered	Tan Skim Coat	Asbestos Not Present	NA		CaCO3 Sand Paint
056a		Layered	White Plaster	Asbestos Not Present	NA		Gypsum Sand
056b		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
057	59	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
057a		Layered	White Plaster	Asbestos Not Present	NA		Gypsum Sand

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Methodology: EPA/600/R-93/116

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Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
057b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
058	60	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
059	61	Layered	Cream Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
059a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
059b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
059c		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3 Sand

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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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
060	62	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
061	63	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
062	64	Layered	White Ceramic Tile	Asbestos Not Present	NA		Clay Sand
062a		Layered	Yellow Mastic	Asbestos Not Present	NA		CaCO3 Binder
063	65	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
064	66	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar

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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: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
065	67	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
066	68	Homogeneous	Black Paper	Asbestos Not Present	Cellulose	70	Tar
067	69	Homogeneous	Black Paper	Asbestos Not Present	Cellulose	70	Tar
068	70	Homogeneous	Black Paper	Asbestos Not Present	Cellulose	70	Tar
069	71	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
070	72	Homogeneous	Black Paper	Asbestos Not Present	Cellulose	70	Tar

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Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
071	73	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
072	74	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
073	75	Homogeneous	Black Mastic	Asbestos Present Chrysotile 5	NA	Binder
074	76	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
075	77	Homogeneous	Black Grout	Asbestos Not Present	NA	Clay Sand
076	78	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose 60	Tar Sand
077	79	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose 60	Tar Sand

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Dean Jacobsen
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Milwaukee, WI 53204

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Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
078	80	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
079	81	Homogeneous	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	CaCO3 Vinyl
080	82	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
081	83	Layered	Brown Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
081a		Layered	Tan Leveling Compound	Asbestos Not Present	NA	Gypsum
082	84	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
083	85	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay Sand
083a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Sand
083b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
084	86	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 50	Paint
085	87	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
086	88	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
087	89	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
088	90	Homogeneous	White Surfacing	Asbestos Not Present	Cellulose	5	Gypsum Sand
089	91	Homogeneous	White Surfacing	Asbestos Not Present	Cellulose	5	Gypsum Sand
090	92	Homogeneous	White Surfacing	Asbestos Not Present	Cellulose	5	Gypsum Sand

Dee Ammerman, Analyst

4/24/2018
Date of Report

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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. 293333	
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:	18-400-024.3617
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/18/18 1700	FedEx	Amber Bassett 10am	4-19-18

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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www.QuanTEM.com

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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	14A	☐				
16	14B	☐				
17	15	☐				
18	16	☐				
19	17	☐				
20	20	☐				
21	23	☐				
22	24	☐				
23	25	☐				
24	26	☐				
25	27	☐				
26	28	☐				
27	29	☐				
28	30	☐				
29	31	☑				
30	32	☐				

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. 293333
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	33	☒				
32	34	☐				
33	35	☐				
34	36	☐				
35	37	☐				
36	38	☐				
37	39	☐				
38	40	☐				
39	41	☐				
40	42	☐				
41	43	☐				
42	44	☐				
43	45	☐				
44	46	☐				
45	47	☐				
46	48	☐				
47	49	☐				
48	50	☐				
49	51	☐				
50	52	☑				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 293333
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	53	☐				
52	54	☐				
53	55	☐				
54	56	☐				
55	57	☐				
56	58	☐				
57	59	☐				
58	60	☐				
59	61	☐				
60	62	☐				
61	63	☐				
62	64	☐				
63	65	☐				
64	66	☐				
65	67	☐				
66	68	☐				
67	69	☐				
68	70	☐				
69	71	☐				
70	72	☐				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 293333
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	73	☑				
72	74	☐				
73	75	☐				
74	76	☐				
75	77	☐				
76	78	☐				
77	79	☐				
78	80	☐				
79	81	☐				
80	82	☐				
81	83	☐				
82	84	☐				
83	85	☐				
84	86	☐				
85	87	☐				
86	88	☐				
87	89	☐				
88	90	☐				
89	91	☐				
90	92	☑				

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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. 293512
Account Number: B929
Date Received: 04/25/2018
Received By: Katie Davis
Date Analyzed: 04/26/2018
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 293333
Project Location: Milwaukee, WI
Project Number: 18-400-024.3617

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	45	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <0.25 400 Point Count	NA	
002	46	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <0.25 400 Point Count	NA	
003	47	Homogeneous	Gold Insulation	Asbestos Present Actinolite/Tremolite <0.25 400 Point Count	NA	
004	49	Homogeneous	Yellow Mastic	Asbestos Present Chrysotile 0.75 400 Point Count	NA	

Dee Am

Dee Ammerman, Analyst

4/26/2018
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.

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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. 293512	
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:	18-400-024.3617
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/24/18 1635	Email	[illegible]	4/25/18 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM		PLM		TEM		TEM		TURNAROUND TIME	
☐	Bulk Analysis (EPA 600/R-93/116)	☐	Vermiculite Attic Insulation (EPA 600/R-04/004)	☐	Air- AHERA	☐	Bulk- Presence / Absence EPA600/R-93/116	☐	Rush
☑	400 Point Count	☐	Other	☐	Air- NIOSH 7402	☐	Bulk- Quantitative [weight%]- Chatfield	☐	Same Day
☐	1000 Point Count			☐	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	45	☑				Quantem Lab No.. 293333
2	46	☑				
3	47	☑				
4	49	☑				
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: 293335
Date Received: 04/19/18
Received By: Amber Bassett
Date Sampled:
Time Sampled:
Analyst: RD
Date of Report: 04/24/18

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.: 18-400-024.3617

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.00512	0.00496	%	04/24/18 14:40	P EPA 7000B (1)
002	P2	Paint	Lead	5.62	0.00494	%	04/24/18 14:40	P EPA 7000B (1)

Authorized Signature:_____
Ronilsy Diaz, Analyst

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

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

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

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

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. 293335	
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:	18-400-024.3617

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/18/18 1700	FedEx	Amber Bassett 10am	4-19-18

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2	P2				↓	X				X				
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

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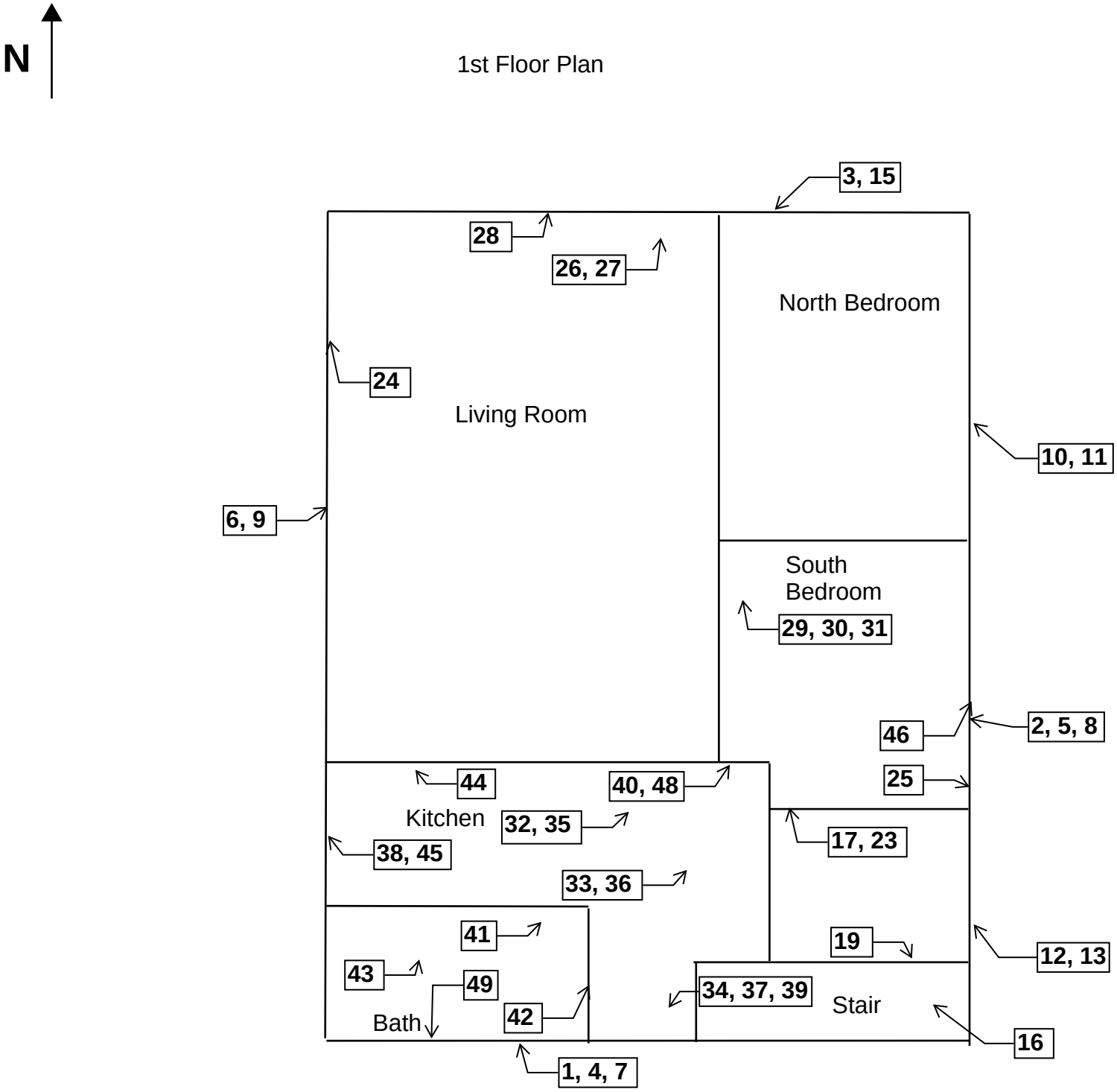
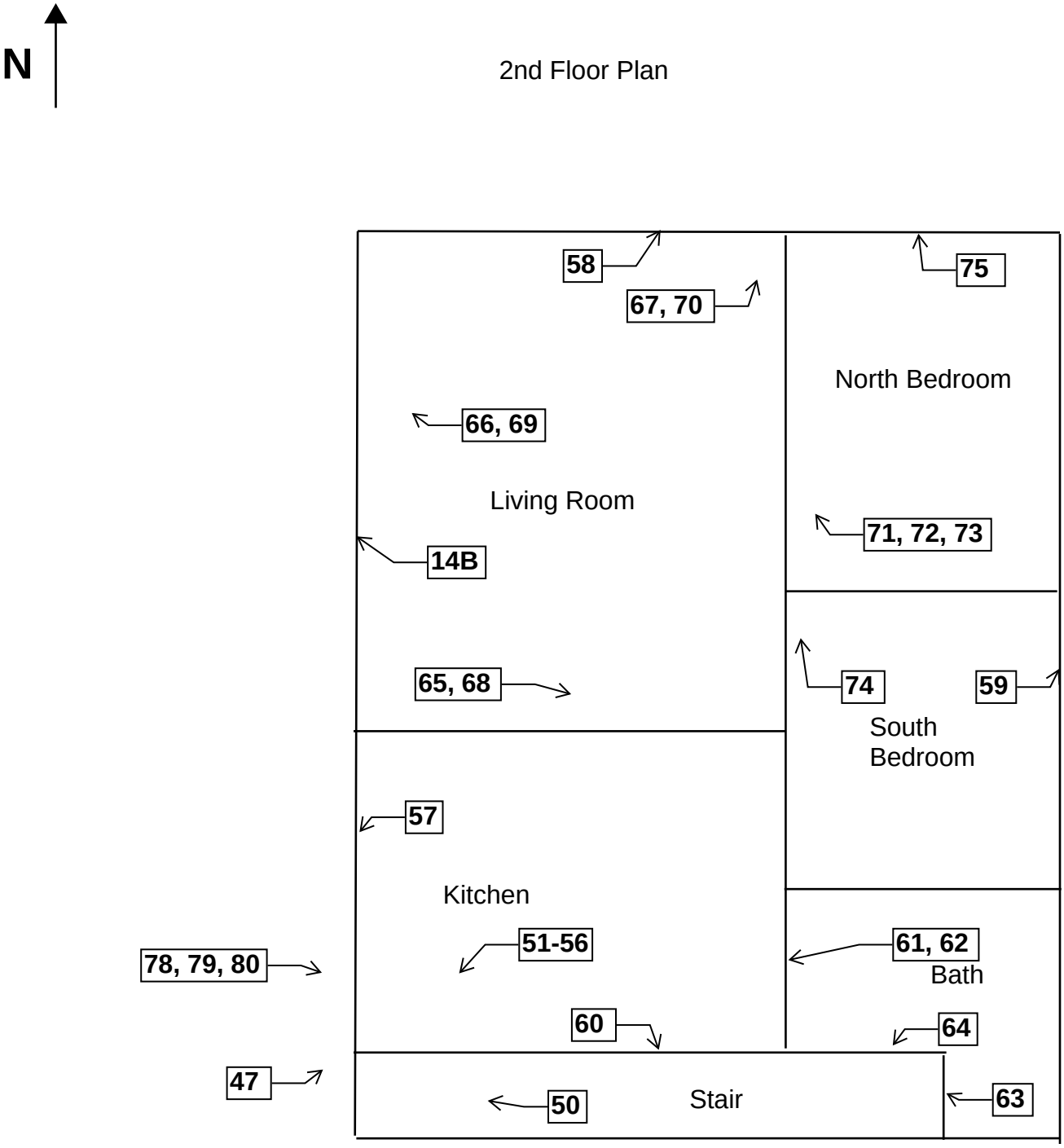
XI. FLOOR PLANS

Two Family Dwelling
3617 West Hampton Avenue
Milwaukee, Wisconsin



Two Family Dwelling
3617 West Hampton Avenue
Milwaukee, Wisconsin

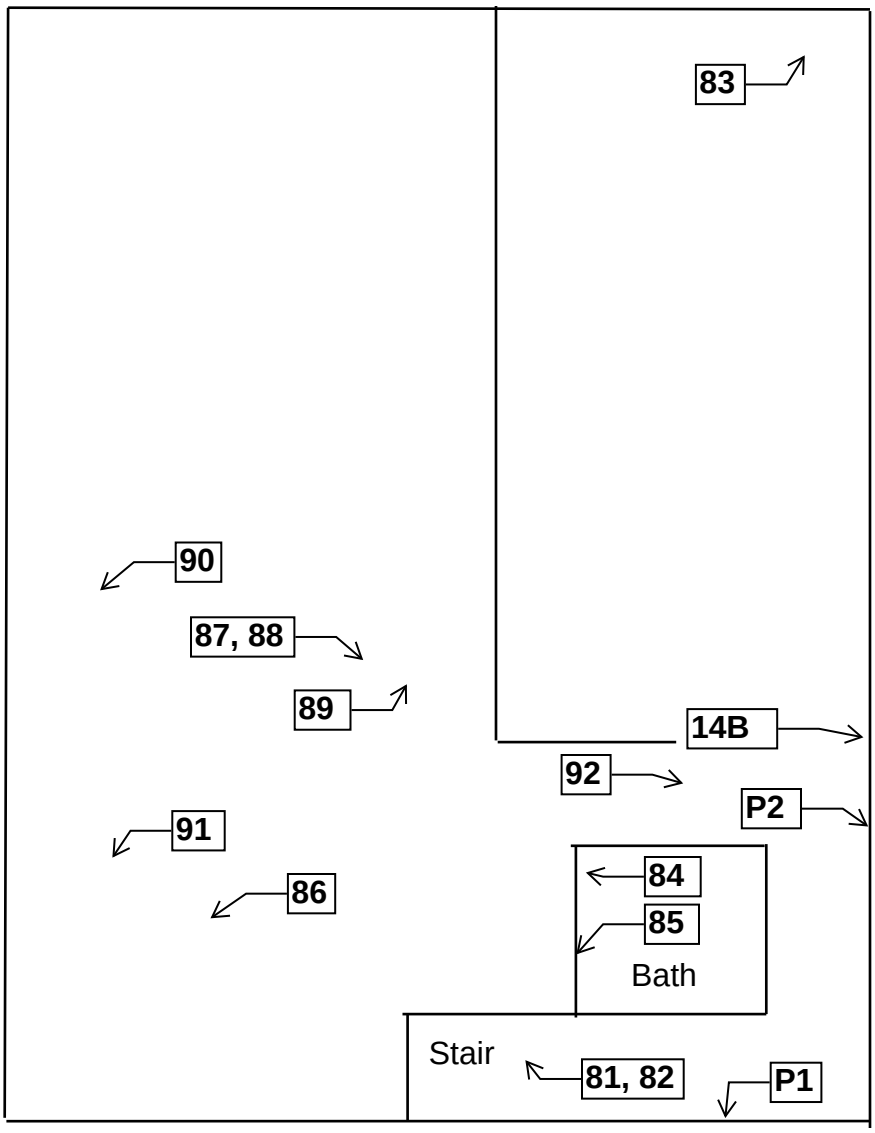
2nd Floor Plan



Two Family Dwelling
3617 West Hampton Avenue
Milwaukee, Wisconsin

N

Basement 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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

Follow Wisconsin law by making sure that you:

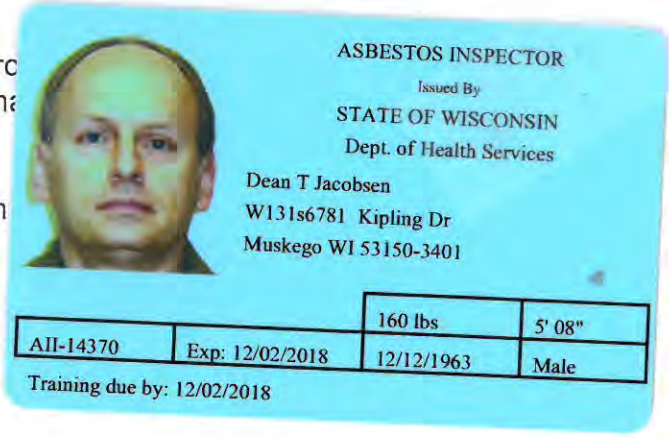
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY