OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 3-31-2020

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Sec. 7-22-3, Milwaukee City Charter, will receive sealed bids for furnishing all labor and materials and performing all work necessary for and incidental to the demolition of ten (10) primary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time)** on **Tuesday, March 31, 2020,** at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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

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

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

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

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

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

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

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

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

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

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

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

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

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

March 16, 2020
March 17, 2020

BID DOCUMENTS

FOR

MECHANICAL DEMOLITION PROJECT

OPENING TUESDAY, MARCH 31, 2020

Milwaukee, Wisconsin

DEPARTMENT OF NEIGHBORHOOD SERVICES

CITY OF MILWAUKEE

Room 105

841 North Broadway

Milwaukee, Wisconsin 53202-3650

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

5.0.0 TECHNICAL SPECIFICATIONS

(for this contract only)

5.1.0. PARCEL LOCATIONS AND DESCRIPTION OF STRUCTURES FOR MECHANICAL DEMOLITION PROJECT OPENING TUESDAY, MARCH 31, 2020

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

5.2.0. WORK BY OTHERS

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

5.3.0. WORK NOT INCLUDED IN CONTRACT

A. Work mentioned in Technical Specifications as not being a part of this contract.

B. Replacing of curb and walk removed in connection with demolition of street walk basements (sidewalk vaults).

C. Trees which are not damaged and are not obstructions to demolition as interpreted by the Commissioner, or unless otherwise noted in the Technical Specifications.

5.4.0. DEMOLITION WORK WITHIN PARCELS

A. The structures, including foundation walls, columns, piers, floors, partitions, and attached appurtenances shall be removed down to a level two feet below the present ground level unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS and in any case two feet below the accepted finished grade by any method allowable under the City Building Code except for the following provisions.

B. It shall be understood that the Contractor shall take whatever precautions are necessary to protect the City sidewalk. The Contractor shall also provide protection to the electric power poles and lines.

C. The Contractor shall remove all portions of footing and foundation walls to a depth of two feet below finish grade unless otherwise noted in Section 5.6.0 SCHEDULE OF DETAILED WORK WITHIN PARCELS. All building concrete slabs, concrete stoops and concrete stairs to the buildings are also to be removed.

D. All material and debris which would be disallowed for use as fill by sec. 4.5.6. is to be completely removed from the site and properly disposed of in accordance with all Environmental Requirements (as defined in sec. 4.5.1. above), except with the express advance, written permission of the Commissioner.

E. All concrete or masonry floors below existing grade shall be broken up to pieces no larger than approximately one foot in all directions to permit fill to drain.

5.5.0. SCHEDULE OF DRAWINGS

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

Parcel 1 — 2552 North 21st Street – 2.5-story frame 2-family dwelling

Remove dwelling, garage slab, patio, driveway, 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. (5 days to complete)**

Parcel 2 – 2842 North 27th Street – 2.5-story frame 2-family dwelling

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

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

Parcel 3 – 3065 North 28th Street – 2-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. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker.

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (5 days to complete)**

Parcel 4 – 2928 North 30th Street – 2.5-story frame 2-family dwelling

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

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

Parcel 5–3248 North 35th Street – 2.5-story frame 2-family dwelling

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

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING DUE TO FIRE DAMAGE AND DEBRIS. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. (10 days to complete)**

Parcel 6– 3313 West Auer Avenue – 1.5-story frame 1-family dwelling

Remove dwelling, fences, sidewalks, 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. (7 days to complete)**

Parcel 7– 2472-74 West Burleigh Street – 2.5-story frame 2-family dwelling

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

The inspection report from Harenda Management Group is included. **BID PRICE MUST INCLUDE THE PROPER REMOVAL AND DISPOSAL OF ANY ASBESTOS-CONTAINING MATERIALS OR ANY OTHER HAZARDOUS MATERIALS LISTED IN THE REPORT FROM HMG REQUIRED TO BE ABATED BEFORE MECHANICAL DEMOLITION. (5 days to complete)**

Parcel 8 – 3604 West Custer Avenue – 2-story frame 4-family dwelling

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

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

Parcel 9 – 1112 West Hadley Street – 2-story frame 1-family dwelling

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

The inspection report from Harenda Management Group is included. **THE FRIABLE ASBESTOS-CONTAINING MATERIALS LISTED IN THE REPORT FROM HMG HAVE BEEN ABATED BY THE CITY'S CONTRACTOR.**
(4 days to complete)

Parcel 10 – 2317-19 West Hopkins Street – 2-story frame 2-family dwelling

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

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

All parcels are owned by the City of Milwaukee.

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

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

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

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

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

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

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

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

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

5.7.0. LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED.
(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 ten (10) primary buildings located in the City of Milwaukee, for mechanical Demolition Project opening March 31, 2020, all in accordance with the above-listed documents;

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

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

_____

_____Dollars

($_____),

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

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

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

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

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

Date _____, 20____.

_____
Company Name

OFFICIAL ADDRESS

By_____

_____

TITLE _____

_____

3.2.0. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF _____)
)SS
COUNTY OF_____)

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

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

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

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

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

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

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

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

_____

_____ _____
Notary Public, Milwaukee County, WI Title

My commission expires: _____
Rev. 1/00

3.8.0. BID BOND AFFIDAVIT

STATE OF WISCONSIN)SS
MILWAUKEE COUNTY)

_____,

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

_____

(Attorney-in-fact or agent)

of _____

surety on the within bond executed by

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

Subscribed and sworn to before me this

_____ day of _____, 20_____

_____
Notary Public, Milwaukee County, Wisconsin

My commission expires _____
Rev. 1/00

3.7.0. CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the

_____ Secretary of the corporation

named as Principal in the within bond; that

_____, who signed the said bond on

behalf of the Principal was then _____

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

_____(Corporate)

Title _____(Seal)

3.3.0. COMPLETE LIST OF SUBCONTRACTORS

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

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

MECHANICAL DEMOLITION PROJECT OPENING 3-31-2020
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	2552 North 21st Street	2.5	frame	dwelling	2	CITY	2,080
2	2842 North 27th Street	2.5	frame	dwelling	2	CITY	1,697
3	3065 North 28th Street	2	frame	dwelling	2	CITY	1,864
4	2928 North 30th Street	2.5	frame	dwelling	2	CITY	2,059
5	3248 North 35th Street	2.5	frame	dwelling	2	CITY	4,109
6	3313 West Auer Avenue	1.5	frame	dwelling	1	CITY	960
7	2472-74 West Burleigh Street	2.5	frame	dwelling	2	CITY	2,262
8	3604 West Custer Avenue	2	frame	dwelling	4	CITY	1,920
9	1112 West Hadley Street	2	frame	dwelling	1	CITY	1,382
10	2317-19 West Hopkins Street	2	frame	dwelling	2	CITY	2,176

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

CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.

BID BOND FORM

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

_____
(Name of Principal)

as PRINCIPAL, and

_____, as SURETY
(Name of Surety)

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

Parcel 1 _____ Dollars $_____

Parcel 2 _____ Dollars $_____

Parcel 3 _____ Dollars $_____

Parcel 4 _____ Dollars $_____

Parcel 5 _____ Dollars $_____

Parcel 6 _____ Dollars $_____

Parcel 7 _____ Dollars $_____

Parcel 8 _____ Dollars $_____

Parcel 9 _____ Dollars $_____

Parcel 10 _____ Dollars $_____

(bid price in words) **(bid price in numerals)**

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

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

dated _____, 20 ___, for DNS PROJECT OPENING 3-31-2020
DEMOLITION OF 10 PRIMARY 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: 3-31-2020

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

REQUIRED OVERALL PROJECT PARTICIPATION			
	SBE	25%	

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

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

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

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

SBE: _____ %

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

_____ _____
Authorized Signature Date

_____ _____
Printed Name Title

_____
Company Name

STATE OF WISCONSIN)
COUNTY OF MILWAUKEE)

Personally came before me this _____ day of _____, ____,

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

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

_____
Notary Public, Milwaukee County, WI

My Commission expires: _____

PRICE BREAKDOWN

NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION DWELLING	TOTAL
1	2552 North 21st Street (dwelling)			
2	2842 North 27th Street (dwelling)			
3	3065 North 28th Street (dwelling)			
4	2928 North 30th Street (dwelling)			
5	3248 North 35th Street (dwelling)			
6	3313 West Auer Avenue (dwelling)			
7	2472-74 West Burleigh St. (dwelling)			
8	3604 West Custer Avenue (dwelling)			
9	1112 West Hadley Street (dwelling)			
10	2317-19 West Hopkins St. (dwelling)			

Revised December 28, 2016

DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
AFFIDAVIT OF COMPLIANCE

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

Bid/RFP #: _____

Company Name: _____

Address: _____

City, State, Zip _____

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

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

IMPORTANT: **Is your business certified as a Small Business Enterprise (SBE) with the City of Milwaukee?**
Please Select: ____Yes or ___No

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

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

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

Authorized Signature: _____

Printed Name: _____

Date: _____

NOTARIZATION

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

NOTARY PUBLIC SIGNATURE: _____

(SEAL)

PRINT NAME: _____ My commission expires: _____

PLEASE SUBMIT THIS FORM WITH YOUR BID OR PROPOSAL TO:
841 NORTH BROADWAY, ROOM 105
MILWAUKEE, WISCONSIN 53202

City of Milwaukee

DEPARTMENT OF NEIGHBORHOOD SERVICES

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
BUSINESS PROPERTY LOCATION FORM

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

Bid / RFP # _____

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Socially-Responsible Contractors (SRC) Application

A. If the bids of two or more socially-responsible contractors do not exceed the lowest bid by more than 5%, the contract shall be awarded to the socially-responsible contractor that submitted a bid that exceeded the lowest bid by the smallest amount.

B. If a bid submitted by a non-socially-responsible contractor and a bid submitted by a socially-responsible contractor are identical, the contract shall be awarded to the socially-responsible contractor, even if the bids are only identical due to the 5% award standard provided for in this chapter.

C. If two bids submitted by two socially-responsible contractors are identical, the winner will be determined in accordance with the process for tie-breakers as established by the City Purchasing Director.

D. If the difference between the low bidder's amount and the lowest socially-responsible contractor amount is within 5% of the low bidder and exceeds $25,000, then the provisions in SRC Application - point A shall not apply.

E. SRC Application – point A shall only be applied to the "base bid".

F. If a bidder or proposer is seeking to qualify for the SRC bid incentive, that bidder or proposer may not also seek to qualify for the City's other bid incentive programs such as the Local Business Enterprise (LBE) bid incentive (city.milwaukee.gov/Purchasing/Programs) or the Buy American bid incentive (city.milwaukee.gov/Purchasing/Programs). Should there be a conflict between multiple bidders that are seeking to qualify for these incentives, precedence shall be given to the bidder seeking to qualify for a bid incentive in the following descending order:

1. LBE bid incentive

2. Buy American bid incentive

3. SRC bid incentive

City of Milwaukee

DEPARTMENT OF ADMINISTRATION-PURCHASING DIVISION

SOCIALLY-RESPONSIBLE CONTRACTORS (SRC) AFFIDAVIT OF COMPLIANCE

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

Bid or RFP #: _____

Company Name: _____

Address, City, State, Zip: _____

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

I. SRC CRITERIA

☐ A. Hire persons with felony convictions;

☐ B. Assist current or prospective employees with earning their high school diploma;

☐ C. Underwrite or facilitate industry-linked career-assessed pre-employment services and subsidized work experience including: internships, job shadowing, on-the-job training, and summer employment;

☐ D. Partner with an employment service agency to monitor and track individualized employment plans;

☐ E. Provide, underwrite, or facilitate industry-linked career-based instruction to current or prospective employees in areas such as the following: blueprint reading, basic math and measurement, technical math, labor history, construction culture and essential skills, health and safety awareness, manufacturing processes and production, maintenance, and budgeting and financial literacy;

☐ F. Provide or facilitate occupational skills training and related adult mentoring and networking;

☐ G. Underwrite or facilitate subsidized or unsubsidized programs which provide supportive services for current or prospective employees to obtain or fund the following:

- A valid driver's license
- Transportation vouchers to work and home
- Appropriate work attire, work safety gear, and other needed equipment
- Testing and certification fees
- Legal aid services
- Child care and family-related dependent care
- Emergency housing, health care, and short-term emergency assistance
- Career and training services
- School supplies, books, and fees
- Referrals for medical services and exams
- Reasonable accommodations for persons with disabilities

☐ H. Partner with employment agencies to supplement subsidized wages to ensure employees receive a living wage;

☐ I. Provide breast feeding facilities for employees who are nursing children;

☐ J. Provide a minimum of 120 hours of paid sick leave;

☐ K. Provide a minimum of five (5) paid sick days;

☐ L. Provide an employer-assisted housing program providing homebuyer assistance in the form of mortgages, down payment assistance, or homebuyer education for residences within walking distance of their employer;

☐ M. Provide assistance to reduce fees and penalties on tardy child support payments, manage payment of child support arrears, and become current on child support obligations.

Continue to the next page to complete Sections II & III

II. DISCLOSURE

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

_____

_____

_____

_____

_____

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

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

Authorized Signature: _____

Printed Name: _____

Date: _____

III. NOTARIZATION

Subscribed to before me on this _____ day of _____ in the year _____, at

_____ County, _____ State.

NOTARY PUBLIC SIGNATURE: _____

(SEAL)

PRINT NAME: _____ My commission expires: _____

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

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2552 North 21st Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 19-400-037.2552
Inspector: Jazmin Spears
Contract No.: 360-19-0975

Prepared by:

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

July 2019

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2552 North 21st 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

July 25, 2019

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

RE: Deconstruction Inspection Report
2552 North 21st Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2552 North 21st Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 2552 North 21st Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

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

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2552 North 21st Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On July 17, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2552 North 21st Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Paper insulation
- Floor tile
- Window glazing compound
- Texture
- Linoleum
- Plaster
- Drywall/joint compound
- Asphalt roofing
- Flue packing
- Roof flashing
- Mastics

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

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
4a	1st floor – front entry – 2nd layer – 12” brown floor tile	Negative	MF12n
4b	1st floor – front entry – 2nd layer – under 12” brown floor tile – tan mastic	Negative	MF12n
5a	1st floor – front entry – top layer – 12” tan and white floor tile	Negative	MF12tw
5b	1st floor – front entry – top layer – under 12” tan and white floor tile – tan mastic	Negative	MF12tw
6a	1st floor – west room north side – 12” tan and white floor tile	Negative	MF12tw
6b	1st floor – west room north side – under 12” tan and white floor tile – tan mastic	Negative	MF12tw
7a	1st floor – west room south side – 12” tan and white floor tile	Negative	MF12tw

Sample #	Location and Description	Results	Homogeneous Code
7b	1st floor – west room south side – under 12” tan and white floor tile – tan mastic	Negative	MF12tw
8a	1st floor – west room closet – 12” white and gray floor tile	Negative	MF12wy
8b	1st floor – west room closet – under 12” white and gray floor tile – tan mastic	Negative	MF12wy
9	1st floor – west room – on west window – glazing compound	Negative	MPG
10	2nd floor – north bedroom – on north window – glazing compound	Negative	MPG
11	Basement – on east window – glazing compound	Negative	MPG
12	1st floor – kitchen – on west wall – texture	Negative	STX
13	1st floor – east hall – on north wall – texture	Negative	STX
14	1st floor – living room – on ceiling – texture	Negative	STX
15a	1st floor – north bedroom top layer – white linoleum	Negative	MFLw
15b	1st floor – north bedroom top layer – under white linoleum – tan mastic	Negative	MFLw
16a	1st floor – kitchen 2nd layer – 12” green and tan floor tile	Negative	MF12gt
16b	1st floor – kitchen 2nd layer – under 12” green and tan floor tile – tan mastic	Negative	MF12gt
16c	1st floor – kitchen 3rd layer – 12” black floor tile	Negative	MF12k
16d	1st floor – kitchen 3rd layer – under 12” black floor tile – tan mastic	Negative	MF12k
17a	1st floor – north bedroom 2nd layer – 12” white floor tile	Negative	MF12w
17b	1st floor – north bedroom 2nd layer – under 12” white floor tile – tan mastic	Negative	MF12w
18	1st floor – kitchen – south wall – plaster	Negative	SPl
19	1st floor – living room – south wall – plaster	Negative	SPl
20a	1st floor – west room – west wall – plaster	Negative	SPl
20b	1st floor – west room – west wall – joint compound layer	Negative	SPl
21a	1st floor – northeast bedroom – north wall – plaster	Negative	SPl
21b	1st floor – northeast bedroom – north wall – joint compound layer	Negative	SPl
22a	2nd floor – stair – south wall – plaster	Negative	SPl
22b	2nd floor – stair – south wall – joint compound layer	Negative	SPl
23a	2nd floor – living room – south wall – plaster	Negative	SPl
23b	2nd floor – living room – south wall – joint compound layer	Negative	SPl
24a	2nd floor – dining room – east wall – plaster	Negative	SPl
24b	2nd floor – dining room – east wall – joint compound layer	Negative	SPl
25a	1st floor – north bedroom – west wall – drywall	Negative	MDW
25b	1st floor – north bedroom – west wall – joint compound	Negative	MDW
26a	1st floor – north bedroom – north wall – drywall	Negative	MDW
26b	1st floor – north bedroom – north wall – joint compound	Negative	MDW
27a	2nd floor – living room – west wall – drywall	Negative	MDW
27b	2nd floor – living room – west wall – joint compound	Negative	MDW
28a	2nd floor – kitchen – southeast top layer – 12” brown and black floor tile	Negative	MF12nk
28b	2nd floor – kitchen – southeast top layer – under 12” brown and black floor tile – tan mastic	Negative	MF12nk
29a	2nd floor – kitchen – southwest top layer – 12” brown and black floor tile	Negative	MF12nk
29b	2nd floor – kitchen – southwest top layer – under 12” brown and black floor tile – tan mastic	Negative	MF12nk
30a	2nd floor – kitchen – northeast top layer – 12” brown and black floor tile	Negative	MF12nk

Sample #	Location and Description	Results	Homogeneous Code
30b	2nd floor – kitchen – northeast top layer – under 12" brown and black floor tile – tan mastic	Negative	MF12nk
31a	Roof – northeast top layer – tan asphalt shingle	Negative	MRSt
31b	Roof – northeast 2nd layer – white asphalt shingle	Negative	MRSw
31c	Roof – northeast 3rd layer – green asphalt shingle	Negative	MRSg
32a	Roof – southeast top layer – tan asphalt shingle	Negative	MRSt
32b	Roof – southeast 2nd layer – white asphalt shingle	Negative	MRSw
32c	Roof – southeast 3rd layer – green asphalt shingle	Negative	MRSg
33a	Roof – north center top layer – tan asphalt shingle	Negative	MRSt
33b	Roof – north center 2nd layer – white asphalt shingle	Negative	MRSw
33c	Roof – north center 3rd layer – green asphalt shingle	Negative	MRSg
34	Basement – on chimney – flue packing	Negative	TFP

None of the materials sampled contain asbestos.

Assumed Asbestos Containing Materials

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
MPIt	Tan Paper Insulation
MF12n	12" Brown Floor Tile
MF12tw	12" Tan & White Floor Tile
MF12wy	12" White & Gray Floor Tile
MF12gt	12" Green & Tan Floor Tile
MF12k	12" Black Floor Tile
MF12w	12" White Floor Tile
MF12nk	12" Brown & Black Floor Tile
MPG	Window Glazing Compound
MFLw	White Linoleum
MDW	Drywall/Joint Compound
MRSt	Tan Asphalt Shingle
MRSw	White Asphalt Shingle
MRSg	Green Asphalt Shingle
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2552 North 21st Street, Milwaukee, Wisconsin, took place on July 17, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 2552 North 21st Street, Milwaukee, Wisconsin

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

Exterior: 2552 North 21st Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2552 North 21st Street, Milwaukee, Wisconsin **Date: 7/17/19**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	North Wall	Brick	Pink	0.0502

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

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

IX. ASBESTOS LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Order #: 326874

Received 07/19/19
Analyzed 07/24/19
Reported 07/24/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2552

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326874-001	07/17/19	1	Wisconsin		
Layer 1: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-002	07/17/19	2	Wisconsin		
Layer 1: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-003	07/17/19	3	Wisconsin		
Layer 1: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-004	07/17/19	4	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-005	07/17/19	5	Wisconsin		
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2552

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326874-006	07/17/19	6	Wisconsin			
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-007	07/17/19	7	Wisconsin			
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-008	07/17/19	8	Wisconsin			
Layer 1: Floor Tile White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-009	07/17/19	9	Wisconsin			
Layer 1: Granular Material Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-010	07/17/19	10	Wisconsin			
Layer 1: Granular Material Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-011	07/17/19	11	Wisconsin			
Layer 1: Granular Material Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-012	07/17/19	12	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-013	07/17/19	13	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2552

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326874-014	07/17/19	14	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-015	07/17/19	15	Wisconsin			
Layer 1: Flooring Cream, Organically Bound				None Detected	3% 97%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-016	07/17/19	16	Wisconsin			
Layer 1: Floor Tile White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Floor Tile Black, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 4: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-017	07/17/19	17	Wisconsin			
Layer 1: Floor Tile White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326874-018	07/17/19	18	Wisconsin			
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL
326874-019	07/17/19	19	Wisconsin			
Layer 1: Plaster Beige, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2552

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326874-020	07/17/19	20	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-021	07/17/19	21	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-022	07/17/19	22	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material Green, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-023	07/17/19	23	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-024	07/17/19	24	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material Brown, Granular				None Detected	100%	NON FIBROUS MATERIAL
326874-025	07/17/19	25	Wisconsin			
Layer 1: Drywall White, Powdery				None Detected	5% 95%	CELLULOSE FIBER NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100%	NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2552

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326874-026	07/17/19	26	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
326874-027	07/17/19	27	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
326874-028	07/17/19	28	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-029	07/17/19	29	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326874-030	07/17/19	30	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2552

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326874-031	07/17/19	31	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black/Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle				None Detected	5% CELLULOSE FIBER
Black/Beige, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3: Shingle				None Detected	5% CELLULOSE FIBER
Black/Green, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
326874-032	07/17/19	32	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black/Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle				None Detected	5% CELLULOSE FIBER
Black/Beige, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3: Shingle				None Detected	5% CELLULOSE FIBER
Black/Green, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
326874-033	07/17/19	33	Wisconsin		
Layer 1: Shingle				None Detected	5% CELLULOSE FIBER
Black/Black, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle				None Detected	5% CELLULOSE FIBER
Black/Beige, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3: Shingle				None Detected	5% CELLULOSE FIBER
Black/Green, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
326874-034	07/17/19	34	Wisconsin		
Layer 1: Hard Material				None Detected	100% NON FIBROUS MATERIAL
Tan, Hard					

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: 19-400-037.2552

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials

EPA Regulatory Limit: 1%

Total layers analyzed on order: 61 **326874-07/24/19 02:39 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, IN
2512 West Cary Street, Richmond, Virginia 23220-511
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-147
www.slabinc.com • info@slabinc.com

326874 X 34
V:\326\326874
thawks 7/19/2019 10:13:32 AM
UPS 1Z2E2899846 1231468

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	19-400-037.2552				
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	7/17/19								
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 7/18/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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

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	19-400-037.2552				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	Metals Total	TCLP	Microbiology
☐ 2 Hour *	☐ Air	☒ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ Same day *	☐ Paint	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☐ 1 business day	☐ Soil	☐ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☐ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		Sub-Contract
☒ 3 business days	☒ Bulk	☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
☐ 5 business days	☐ Waste Water	Asbestos in Air	Gravimetric	Miscellaneous	☐ TEM AHERA
* not available for all tests	☐ Ground Water	☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
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Please schedule rush tests in advance	☐ TSP / PM10				
	☐ _____				

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	7/17/19								
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 7/18/19 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	19-400-037.2552				
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	7/17/19								
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 7/18/19 1700

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
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Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	**Metals Total**	**TCLP**	**Microbiology**
☐ 2 Hour *	☐ Air	☒ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ Same day *	☐ Paint	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☐ 1 business day	☐ Soil	☐ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☐ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		**Sub-Contract**
☑ 3 business days	☒ Bulk	☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
☐ 5 business days	☐ Waste Water	**Asbestos in Air**	**Gravimetric**	**Miscellaneous**	☐ TEM AHERA
* not available for all tests	☐ Ground Water	☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
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Please schedule rush tests in advance	☐ TSP / PM10				
	☐ _____				

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
31	7/17/19								
32	↓								
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: [signature] Date/Time 7/18/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2552

Order #: 326869

Matrix Paint
Received 07/19/19
Analyzed 07/22/19
Reported 07/23/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
326869-001	P1	Wisconsin	07/17/19	336 mg			
Lead		EPA 7000B		169 µg	0.0502 %	502 mg/kg	29.8 mg/kg

Analyst: DLJ
326869-07/23/19 12:53 PM

Reviewed By: **Mary Katherine Smith**
Analyst

Federal Lead Paint Statute

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

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

SCHNEIDER LABORATORIES GLOBAL,
2512 West Cary Street, Richmond, Virginia 23220-5
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-
www.slabinc.com • info@slabinc.com

326869 X 1
V:\326\326869
thawks 7/19/2019 10:13:32 AM
UPS 1Z2E2899846 1231468

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**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	19-400-037.2552				
Collected By					

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

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
P1	7/17/19								

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]

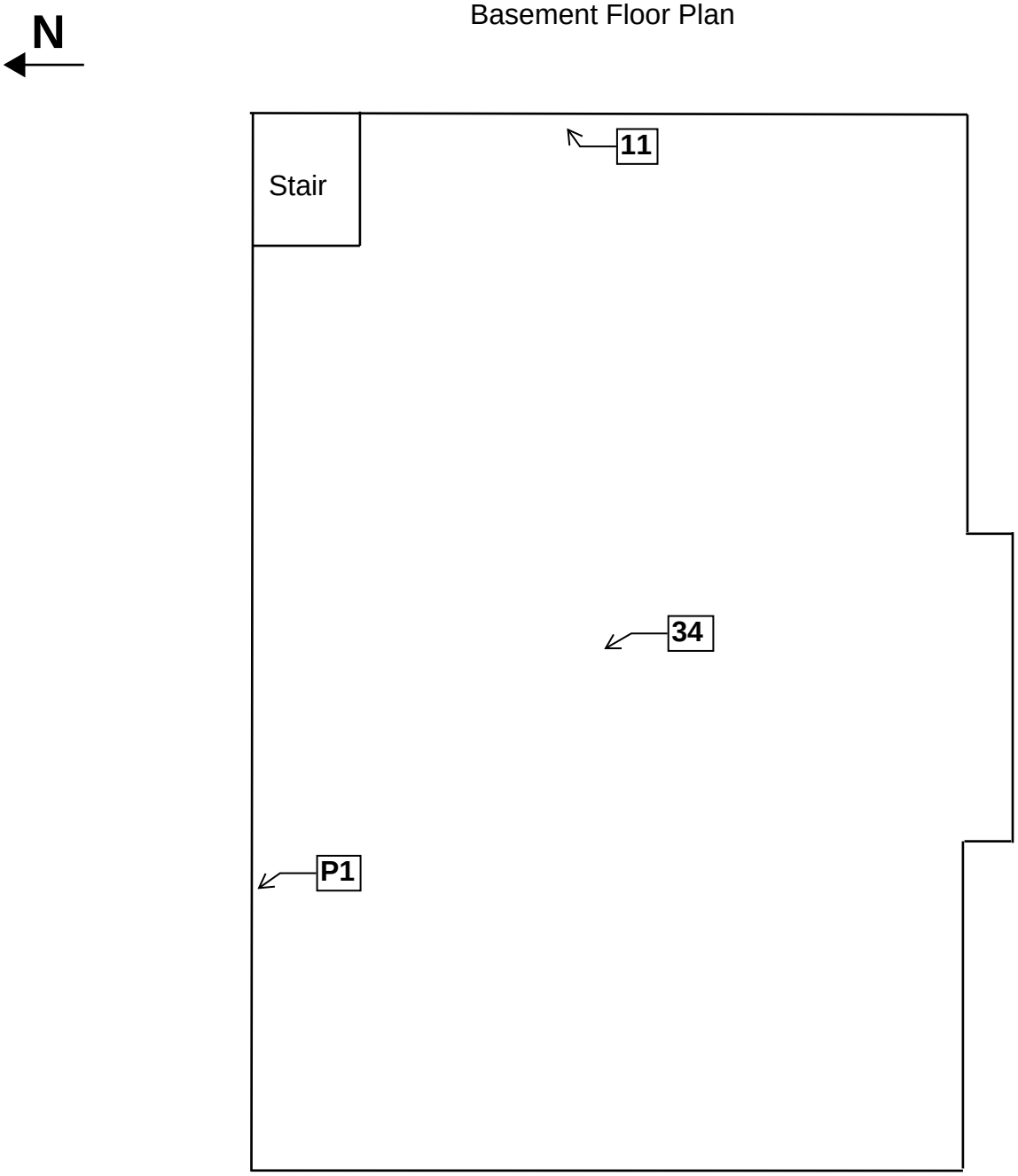
Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/18/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

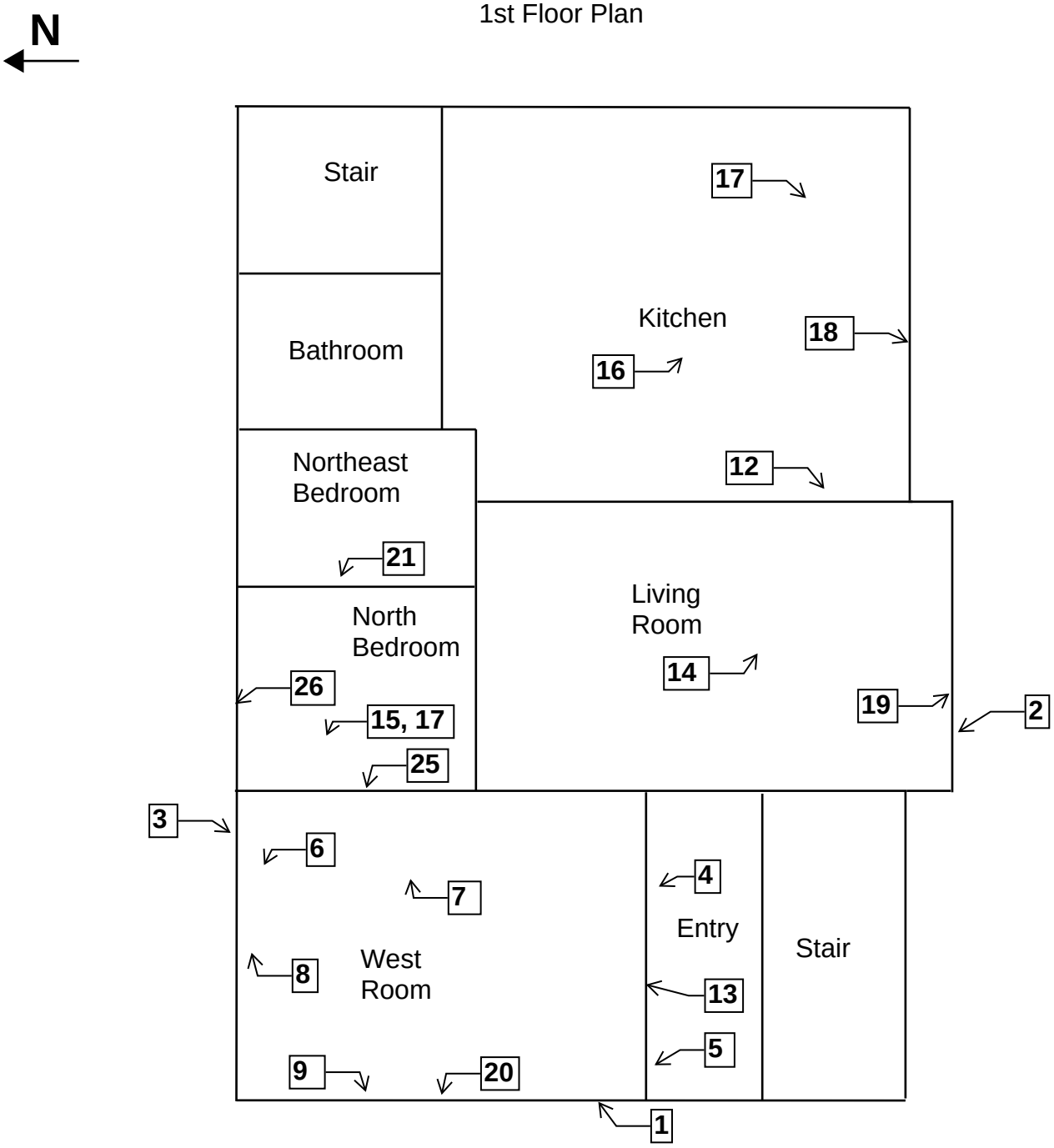
Two Family Dwelling
2552 North 21st Street
Milwaukee, Wisconsin

Basement Floor Plan



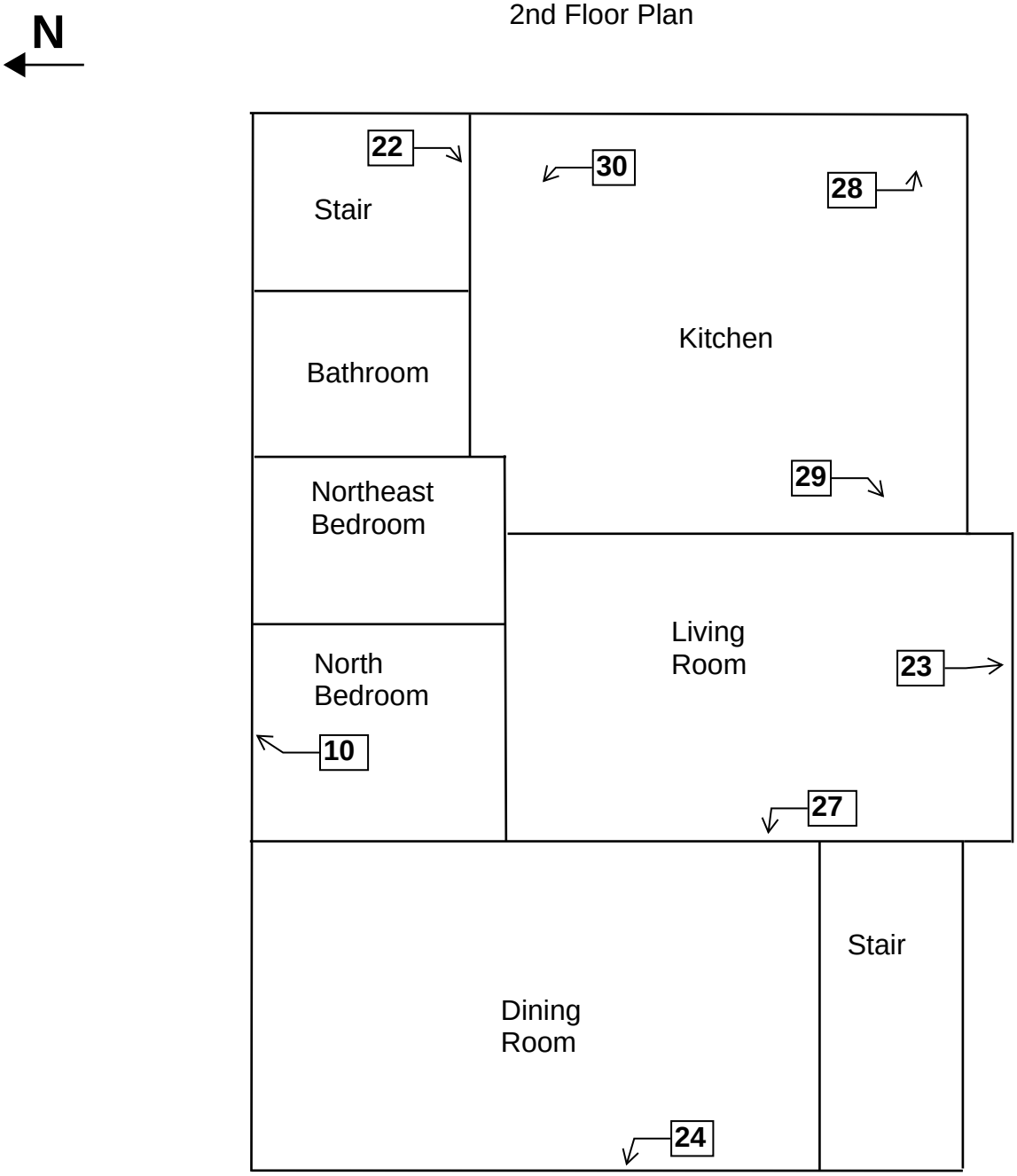
Two Family Dwelling
2552 North 21st Street
Milwaukee, Wisconsin

1st Floor Plan



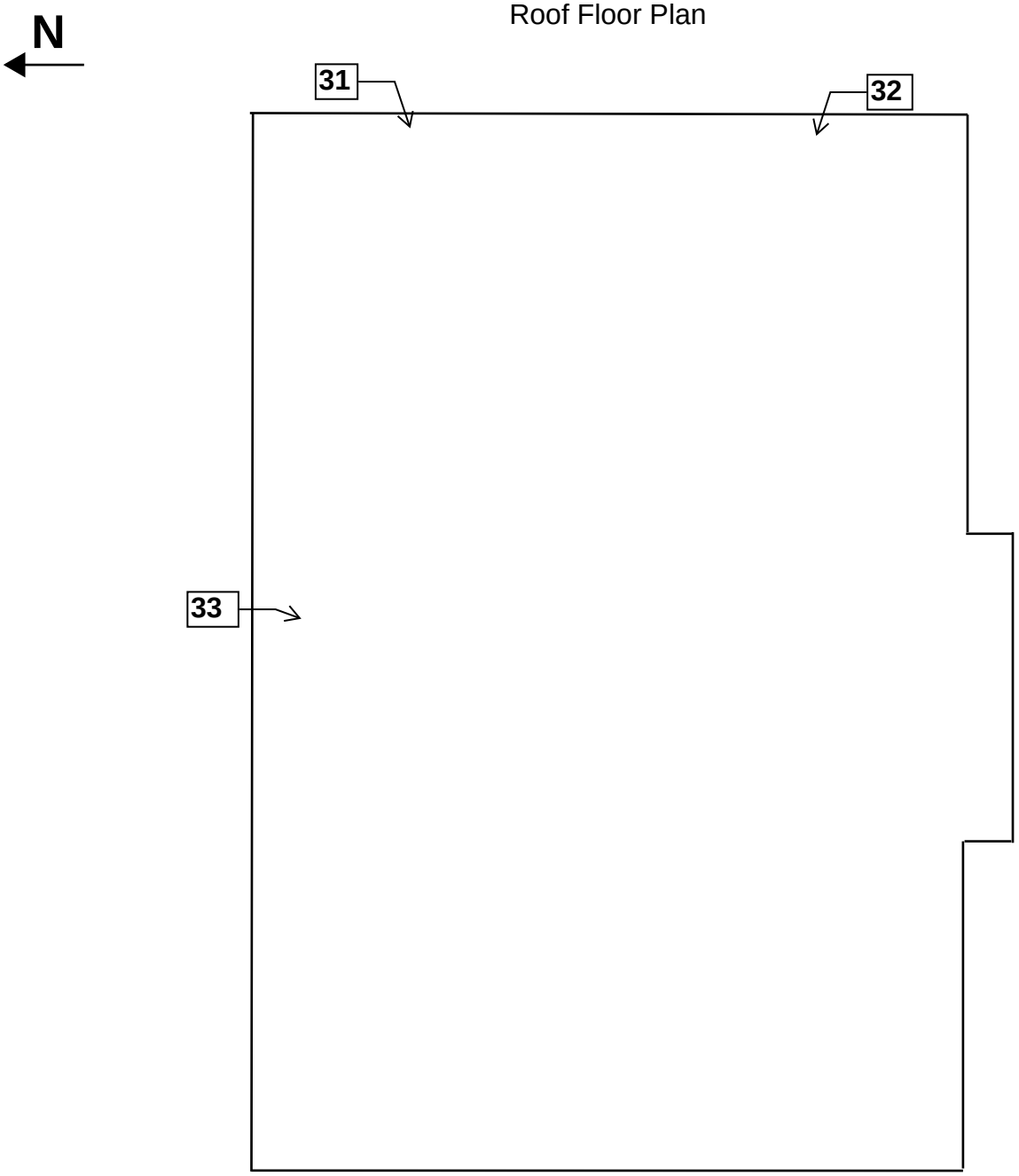
Two Family Dwelling
2552 North 21st Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2552 North 21st 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

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:

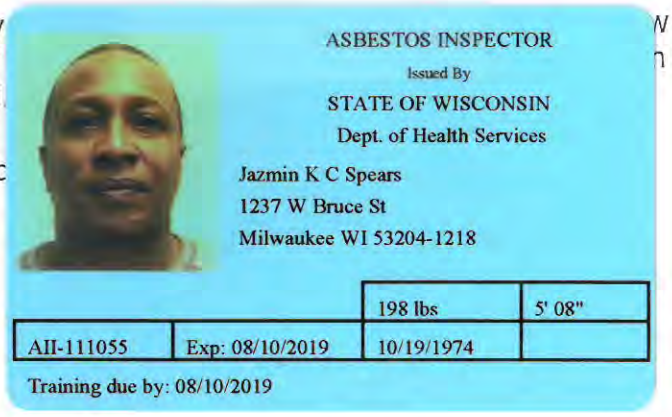
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

Two Family Dwelling
2842 North 27th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 18-400-024.2842
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
Two Family Dwelling
2842 North 27th 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 21, 2018

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

RE: Deconstruction Inspection Report
2842 North 27th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2842 North 27th 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 2842 North 27th 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 texture on plaster walls and ceilings, rear stair floor tile, and duct wrap sampled during the inspection. Asbestos was detected at less than 1% in plaster. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2842 North 27th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum, 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 November 30, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2842 North 27th Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Paper insulation
- Asphalt shingle siding
- Blown in insulation
- Duct wrap
- Plaster
- Texture
- Window glazing compound
- Ceiling tile
- Floor 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 (PLM). A point count analysis was performed for sample layers that were near 1% asbestos by the PLM method to better define the asbestos content. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
2	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
3	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
4	Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
5	Exterior – south wall under aluminum siding – silver paper insulation	Negative	MPIs
6	Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
7	Exterior – west wall under silver paper insulation – asphalt shingle siding	Negative	MSS
8	Exterior – south wall under silver paper insulation – asphalt shingle siding	Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
9	Exterior – east wall under silver paper insulation – asphalt shingle siding	Negative	MSS
10	Exterior – in west wall – blown in insulation	Negative	MBI
11	2nd floor – northeast bedroom – in north wall – blown in insulation	Negative	MBI
12	Attic – on floor – blown in insulation	Negative	MBI
13	**1st floor – dining room – on east wall duct – duct wrap**	**Positive 70% Chrysotile**	**TDW**
14	**2nd floor – living room – on east wall duct – duct wrap**	**Positive 70% Chrysotile**	**TDW**
15	**Attic – center of floor duct – duct wrap**	**Positive 70% Chrysotile**	**TDW**
16a	**1st floor – front entry – on south wall – texture**	**Positive 5% Chrysotile**	**STX**
16b	1st floor – front entry – south wall – plaster	Trace <1% Chrysotile	SPl
17a	**1st floor – dining room – on north wall – texture**	**Positive 5% Chrysotile**	**STX**
17b	1st floor – dining room – north wall – plaster	Trace <1% Chrysotile	SPl
18	1st floor – living room – east wall – plaster	Trace <1% Chrysotile	SPl
19a	**1st floor – kitchen – on west wall – texture**	**Positive 5% Chrysotile**	**STX**
19b	1st floor – kitchen – west wall – plaster	Trace <1% Chrysotile	SPl
20a	**2nd floor – stair – on north wall – texture**	**Positive 5% Chrysotile**	**STX**
20b	1st floor – stair – north wall – plaster	Trace <1% Chrysotile	SPl
21a	**2nd floor – kitchen – on north wall – texture**	**Positive 5% Chrysotile**	**STX**
21b	1st floor – kitchen – north wall – plaster	Trace <1% Chrysotile	SPl
22a	**2nd floor – bathroom – on west wall – texture**	**Positive 5% Chrysotile**	**STX**
22b	1st floor – bathroom – west wall – plaster	Trace <1% Chrysotile	SPl
23	1st floor – dining room – on south window – glazing compound	Negative	MPG
24	2nd floor – kitchen – on south window – glazing compound	Negative	MPG
25	Attic – on east window – glazing compound	Negative	MPG
26	1st floor – northwest bedroom – 1' x 1' ceiling tile	Negative	MSCT11
27	1st floor – living room center – 12" beige floor tile	Negative	MF12e
28a	1st floor – hall – 12" white floor tile	Negative	MF12w
28b	1st floor – hall – under 12" white floor tile – yellow mastic	Negative	MF12w
29a	1st floor – kitchen – 12" white floor tile	Negative	MF12w
29b	1st floor – kitchen – under 12" white floor tile – yellow mastic	Negative	MF12w
30a	2nd floor – kitchen – 12" white floor tile	Negative	MF12w
30b	2nd floor – kitchen – under 12" white floor tile – yellow mastic	Negative	MF12w

Sample #	Location and Description	Results	Homogeneous Code
31a	1st floor – bathroom top layer – 12" red and white floor tile	Negative	MF12rw
31b	1st floor – bathroom 2nd layer – 12" tan floor tile	Negative	MF12t
31c	1st floor – bathroom 2nd layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
32	1st floor – rear stair landing top layer – 12" brown floor tile	Negative	MF12n
33a	1st floor – rear stair landing bottom layer – on 12" yellow floor tile – yellow mastic	Negative	MF12l
33b	**1st floor – rear stair landing bottom layer – 12" yellow floor tile**	**Positive 5% Chrysotile**	**MF12l**
33c	**1st floor – rear stair landing bottom layer – under 12" yellow floor tile – black mastic**	**Positive 5% Chrysotile**	**MF12l**
34	Basement – stair landing bottom layer – 12" brown and red floor tile	Negative	MF12nr
35a	Basement – stair landing top layer – multicolored linoleum	Negative	MFLm
35b	Basement – stair landing top layer – under multicolored linoleum – yellow/brown mastic	Negative	MFLm
36	Basement – on chimney – flue packing	Negative	TFP
37	Roof – north side – gray and black asphalt shingle	Negative	MRSyk
38	Roof – southwest – gray and black asphalt shingle	Negative	MRSyk
39a	Roof – southeast – gray and black asphalt shingle	Negative	MRSyk
39b	Roof – southeast – on gray and black asphalt shingle – tar	Negative	MRSyk
40a	Roof – north center patch – black asphalt shingle	Negative	MRSk
40b	Roof – north center patch – on gray and black asphalt shingle – tar	Negative	MRSk

Three (3) 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, 1st Floor Room Vents, Duct in Attic Floor	180 SF	Poor
Texture/Plaster	STX/SPl	1st & 2nd Floor Walls & Ceilings, Stairwell Walls & Ceilings	7,900 SF	Fair
12" Yellow Floor Tile & Mastic	MF12l	1st Floor Rear Stair Landing Bottom Layer	25 SF	Good

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPIt	Tan Paper Insulation
MPIs	Silver Paper Insulation
MSS	Asphalt Shingle Siding
MBI	Blown in Insulation
MPG	Glazing Compound
MSCT11	1' x 1' Ceiling Tile
MF12e	12" Beige Floor Tile
MF12w	12" White Floor Tile
MF12rw	12" Red & White Floor Tile
MF12t	12" Tan Floor Tile
MF12n	12" Brown Floor Tile
MF12l	12" Yellow Floor Tile
MF12nr	12" Brown & Red Floor Tile
MFLm	Multicolored Linoleum
MRSyk	Gray & Black Asphalt Shingle
MRSk	Black Asphalt Shingle
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2842 North 27th Street, Milwaukee, Wisconsin, took place on November 30, 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: 2842 North 27th Street, Milwaukee, Wisconsin

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

Exterior: 2842 North 27th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2842 North 27th Street, Milwaukee, Wisconsin **Date: 11/30/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	East Wall	Block	Red	0.478
P2	Basement	South Wall	Block	White	<0.0049
P3	Basement	Northeast Wall	Block	Yellow	0.0363

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
002	2	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
003	3	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
004	4	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	60	Foil
005	5	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	60	Foil
006	6	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	60	Foil
007	7	Homogeneous	Black Siding	Asbestos Not Present	Cellulose	70	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. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 70	Tar Sand
009	9	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 70	Tar Sand
010	10	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
011	11	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
012	12	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
013	13	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 70	Cellulose 30	

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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. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	70	Cellulose	30	
015	15	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	70	Cellulose	30	
016	16	Layered	White Texture	Asbestos Present Chrysotile	5	NA		CaCO3 Paint
016a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	NA		CaCO3 Sand
017	17	Layered	White Texture	Asbestos Present Chrysotile	5	NA		CaCO3 Paint
017a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	NA		CaCO3 Sand
018	18	Homogeneous	Gray Plaster	Asbestos Present Chrysotile	<1	NA		CaCO3 Sand 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. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
019	19	Layered	White Texture	Asbestos Present Chrysotile	5	NA	CaCO3 Paint
019a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	NA	CaCO3 Sand
020	20	Layered	White Texture	Asbestos Present Chrysotile	5	NA	CaCO3 Paint
020a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	NA	CaCO3 Sand
021	21	Layered	White Texture	Asbestos Present Chrysotile	5	NA	CaCO3 Paint
021a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	NA	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Layered	White Texture	Asbestos Present Chrysotile 5	NA	CaCO3 Paint
022a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	NA	CaCO3 Sand
023	23	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
024	24	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
025	25	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3 Binder
026	26	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
027	27	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
028a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
029	29	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
029a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
030	30	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
030a		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. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	Red Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
031b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
032	32	Homogeneous	Red Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
033	33	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
033a		Layered	Yellow Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
033b		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
034	34	Homogeneous	Red Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
035	35	Layered	Brown Flooring	Asbestos Not Present	Synthetic	5	CaCO3 Vinyl
035a		Layered	Yellow/Brown Mastic	Asbestos Not Present	NA		Glue
036	36	Homogeneous	Gray Insulation	Asbestos Not Present	Wollastonite	20	Gypsum Binder
037	37	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
038	38	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand

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QUANTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302583
Account Number: B929
Date Received: 12/04/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/11/2018
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: 18-400-024.2842

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
039	39	Layered	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
039a		Layered	Black Tar	Asbestos Not Present	NA		Tar
040	40	Layered	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
040a		Layered	Black Tar	Asbestos Not Present	NA		Tar

Dee Am

Dee Ammerman, Analyst

12/11/2018
Date of Report

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

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 302583	
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:	18-400-024.2842
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/3/18 1700	FedEx	[illegible] 12/4/18 @ 8:50	

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"

QUANTEM LABORATORIES
www.QuanTEM.com

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. 202583
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"

QUANTEM LABORATORIES
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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. 302583
Accept Reject

Project Information

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

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

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

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: 302580
Date Received: 12/04/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/06/18

AIHA ID: 101352

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

Acct. No.: B929

Project: DNS
Location: Milwaukee, WI
Project No.: 18-400-024.2842

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.478	0.00493	%	12/06/18 15:36	P EPA 7000B (1)
002	P2	Paint	Lead	<0.00490	0.0049	%	12/06/18 15:36	P EPA 7000B (1)
003	P3	Paint	Lead	0.0363	0.00494	%	12/06/18 15:36	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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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 302580	
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:	18-400-024.2842

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/3/18 1200	FedEx	Jaylin Thoge	12-4-18 8:50

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	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

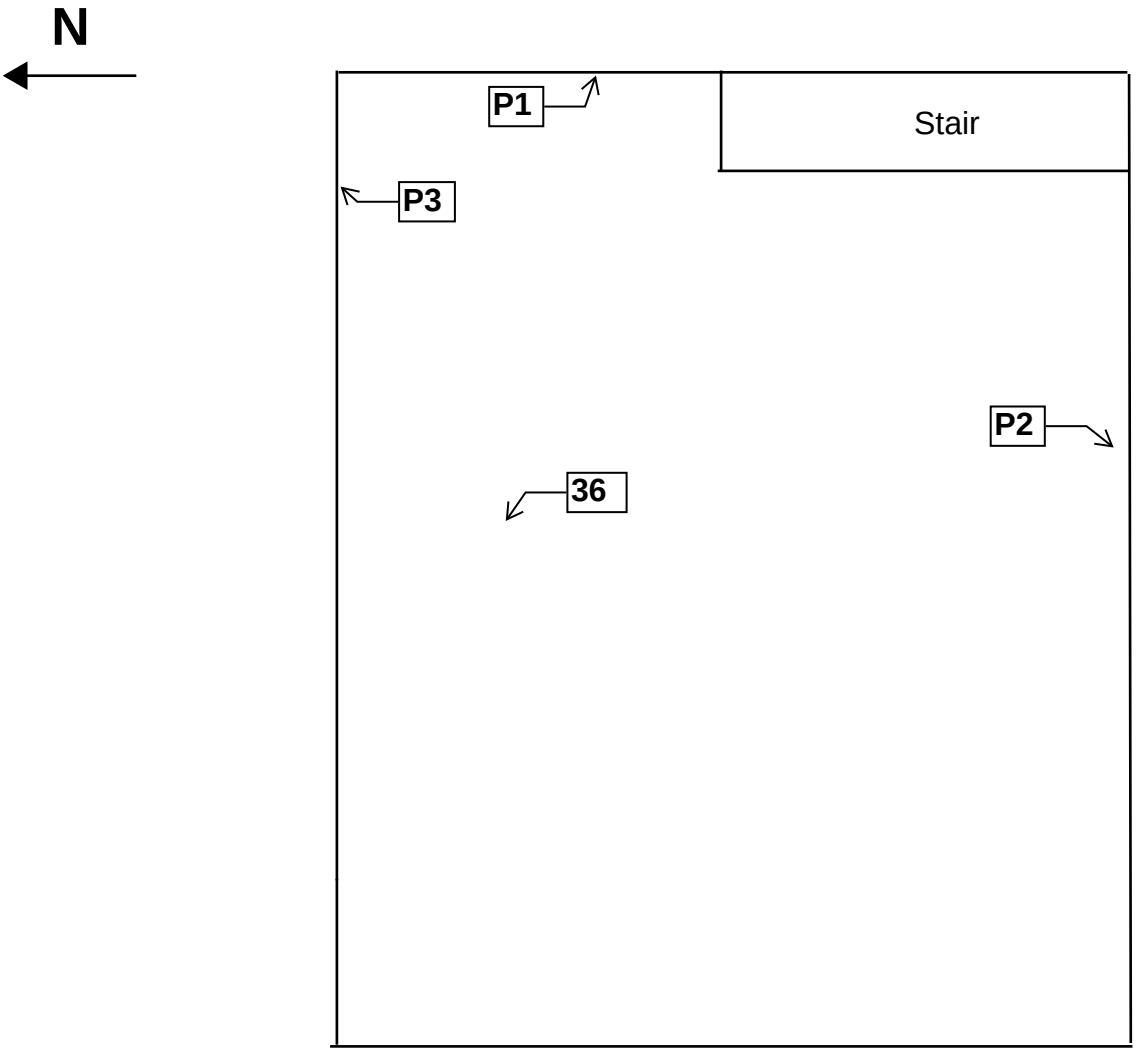
TURNAROUND TIME	
	Same Day
	24 - Hour
✓	3 - Day
	5 - Day

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

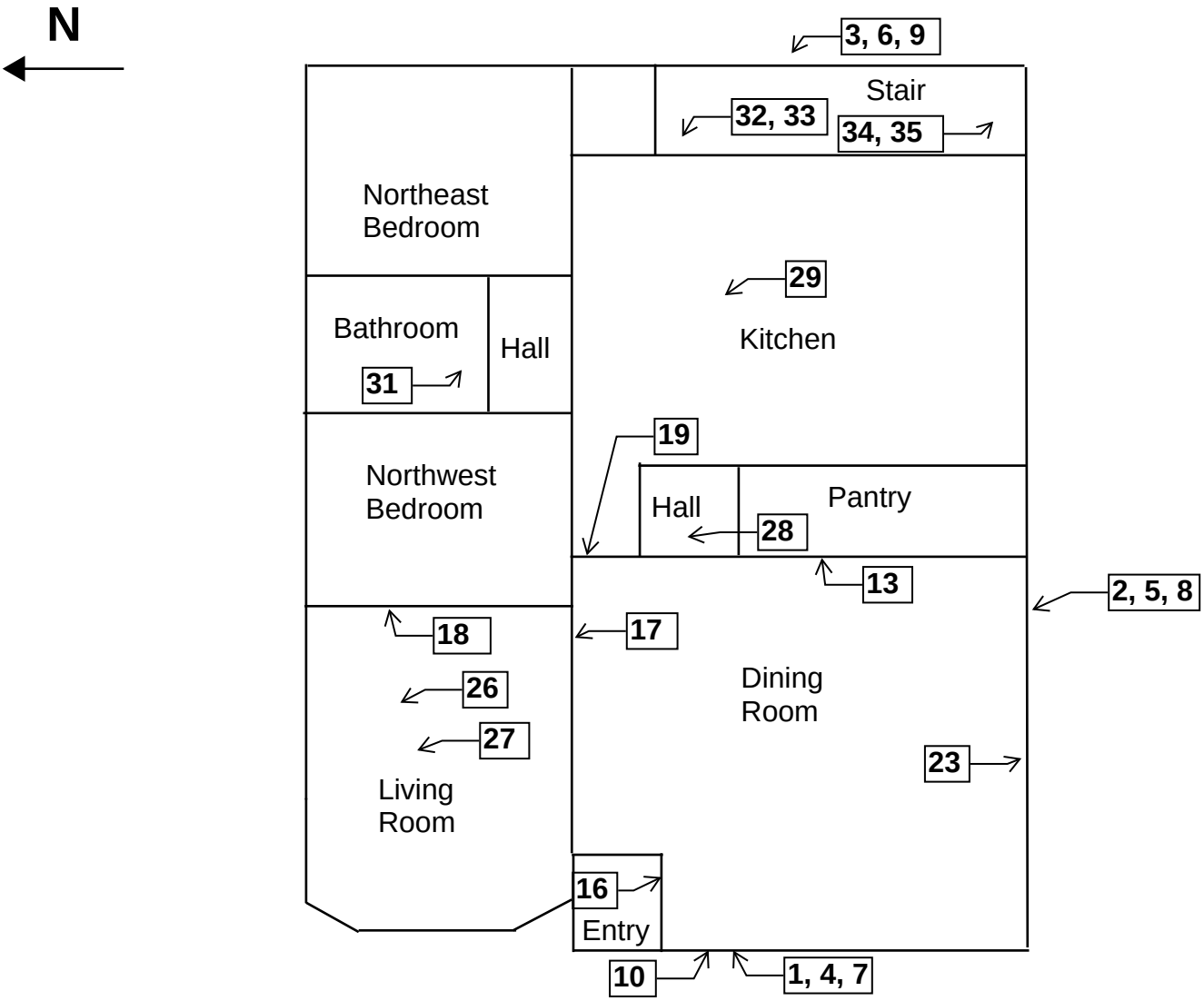
Two Family Dwelling
2842 North 27th Street
Milwaukee, Wisconsin

Basement Floor Plan



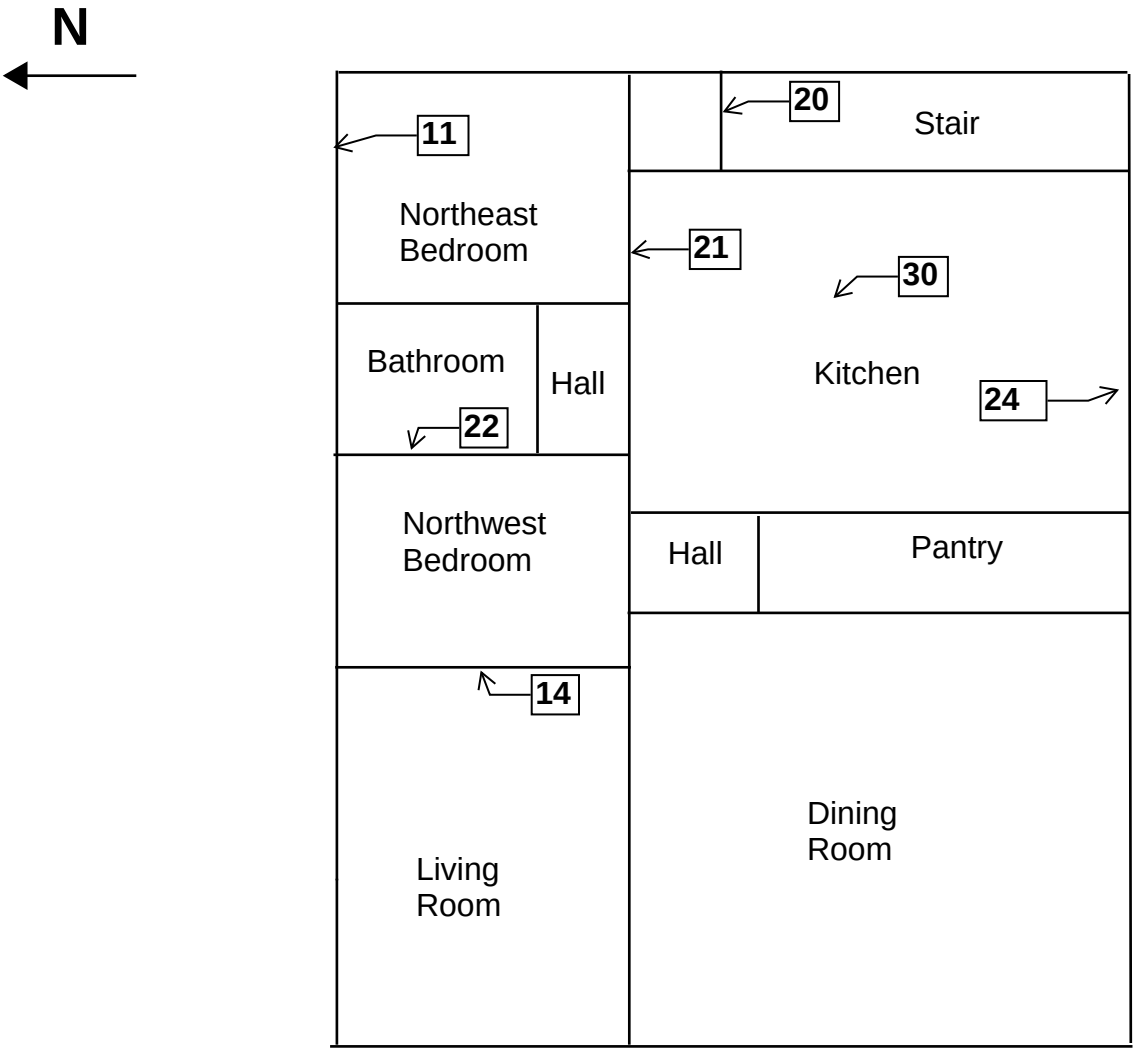
Two Family Dwelling
2842 North 27th Street
Milwaukee, Wisconsin

1st Floor Plan



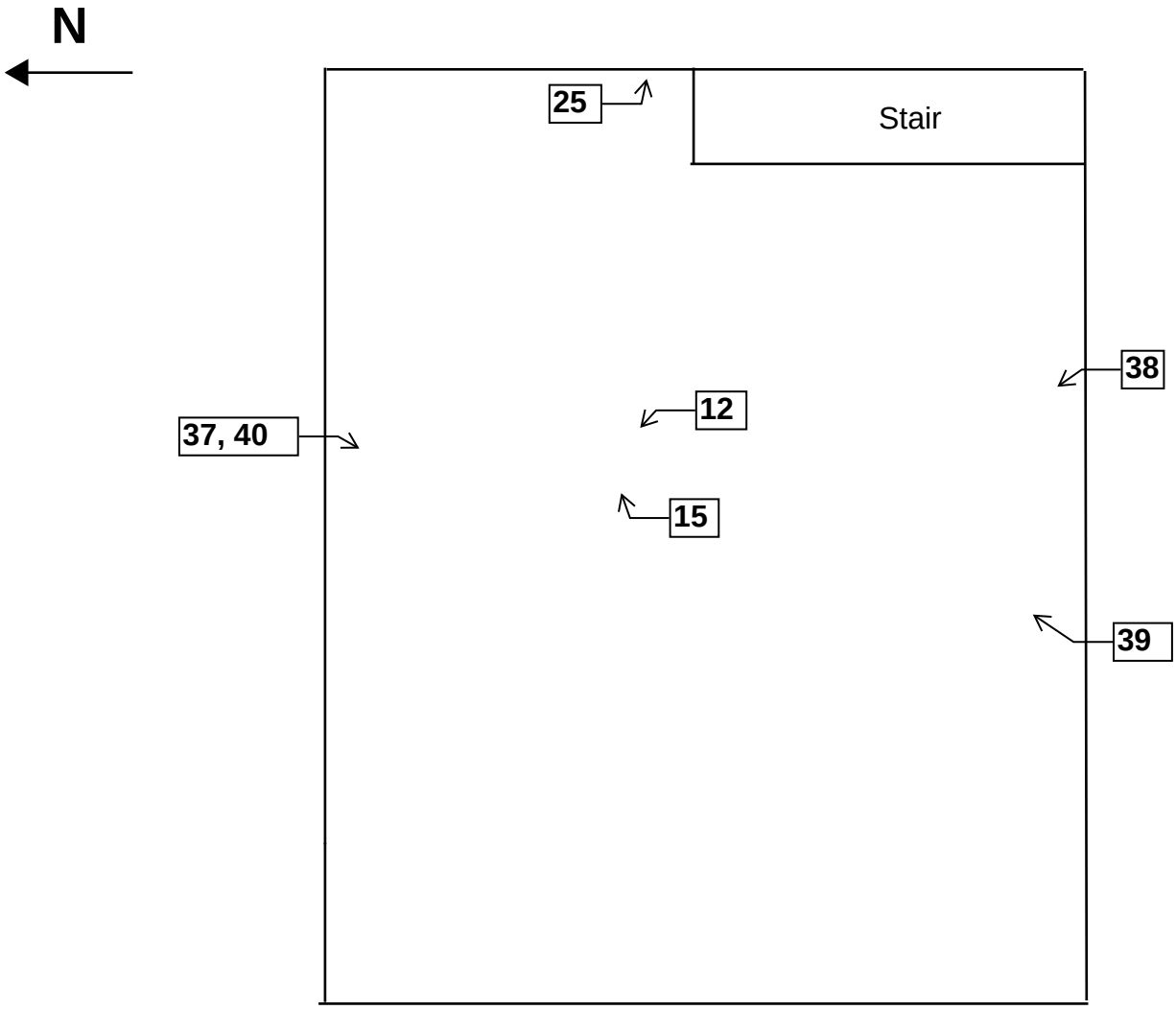
Two Family Dwelling
2842 North 27th Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2842 North 27th 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

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
3065 North 28th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 19-400-037.3065
Inspector: Cecil Trawick
Contract No.: 360-19-0975

Prepared by:

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

July 2019

Signature Page
Deconstruction Inspection Report
One Family Dwelling
3065 North 28th Street
Milwaukee, Wisconsin

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

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

July 26, 2019

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

RE: Deconstruction Inspection Report
3065 North 28th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3065 North 28th Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Signature Page
Deconstruction Inspection Report
One Family Dwelling
3065 North 28th Street
Milwaukee, Wisconsin

_____	_____
Dean Jacobsen	Cecil Trawick
Asbestos Inspector No. AII – 14370	Asbestos Inspector No. AII – 104769
Expiration Date: 12/2/19	Expiration Date: 10/2/19
Harenda Management Group	Harenda Management Group

July 26, 2019

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

RE: Deconstruction Inspection Report
3065 North 28th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3065 North 28th Street, Milwaukee, WI, as per the referral from the City of Milwaukee Department of Neighborhood Services. The inspection and results are described in the following report. Please contact me at (414) 383-4800 if you have any questions.

Sincerely,

HARENDA MANAGEMENT GROUP

Dean Jacobsen
Asbestos Inspector No. AII – 14370

EXECUTIVE SUMMARY

Harenda Management Group was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection at 3065 North 28th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in duct wrap sampled during the inspection. Asbestos was assumed to be tin the roof flashing at the chimney. Vermiculite insulation was observed in the 1st floor northeast bedroom north wall. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family dwelling at 3065 North 28th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On July 16, 2019, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 3065 North 28th Street, Milwaukee, Wisconsin. The inspection was conducted by Cecil Trawick, Wisconsin License No. AII – 104769, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Tar paper
- Blown in insulation
- Vermiculite insulation
- Duct wrap
- Drywall
- Floor tile
- Linoleum
- Ceramic tile
- Plaster
- Flue packing
- Asphalt roofing
- Roof flashing

- Mastics

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

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under wood siding – tar paper	Negative	MPT
2	Exterior – north wall under wood siding – tar paper	Negative	MPT
3	Exterior – west wall under wood siding – tar paper	Negative	MPT
4	Exterior – in east wall – blown in insulation	Negative	MBI
5	Exterior – in north wall – blown in insulation	Negative	MBI
6	Exterior – in west wall – blown in insulation	Negative	MBI
7	1st floor – northeast bedroom – in north wall – vermiculite insulation	Negative	MVI
8	**1st floor – northeast bedroom – on west wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
9	**2nd floor – rear stair – on east wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
10	**2nd floor – bathroom hall – on south wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**

Sample #	Location and Description	Results	Homogeneous Code
11	1st floor – kitchen – south wall – drywall	Negative	MDW
12	1st floor – northwest bedroom – north wall – drywall	Negative	MDW
13	2nd floor – north bedroom – west wall – drywall	Negative	MDW
14a	1st floor – kitchen – 12” brown floor tile	Negative	MF12n
14b	1st floor – kitchen – under 12” brown floor tile – tan mastic	Negative	MF12n
15a	1st floor – living room – south wall – plaster	Negative	SPl
15b	1st floor – living room – south wall – joint compound layer	Negative	SPl
16a	1st floor – kitchen – north wall – plaster	Negative	SPl
16b	1st floor – kitchen – north wall – joint compound layer	Negative	SPl
17a	1st floor – rear stair – north wall – plaster	Negative	SPl
17b	1st floor – rear stair – north wall – joint compound layer	Negative	SPl
18a	1st floor – hall – 12” yellow floor tile	Negative	MF12l
18b	1st floor – hall – under 12” yellow floor tile – yellow mastic	Negative	MF12l
19a	1st floor – bathroom floor – tan ceramic tile	Negative	MCTMt
19b	1st floor – bathroom floor – under tan ceramic tile – tan mastic	Negative	MCTMt
20a	1st floor – bathroom – on south wall – white ceramic tile	Negative	MCTMw
20b	1st floor – bathroom – on south wall – under white ceramic tile – tan mastic	Negative	MCTMw
21a	1st floor – rear stair – on steps – 12” orange floor tile	Negative	MF12o
21b	1st floor – rear stair – on steps – under 12” orange floor tile – tan mastic	Negative	MF12o
22a	2nd floor – rear stair – on steps – 12” orange floor tile	Negative	MF12o
22b	2nd floor – rear stair – on steps – under 12” orange floor tile – tan mastic	Negative	MF12o
23a	2nd floor – north bedroom – 12” orange floor tile	Negative	MF12o
23b	2nd floor – north bedroom – under 12” orange floor tile – tan mastic	Negative	MF12o
24	2nd floor – rear stair – north wall – plaster	Negative	SPl
25	2nd floor – northwest bedroom – north wall – plaster	Negative	SPl
26	2nd floor – northwest bathroom – west wall – plaster	Negative	SPl
27	2nd floor – front room – north wall – plaster	Negative	SPl
28	Basement – on chimney – flue packing	Negative	TFP
29a	Roof – northwest 2nd layer – black red asphalt shingle	Negative	MRSk
29b	Roof – northwest top layer –red asphalt shingle	Negative	MRSr
29c	Roof – northwest 3rd layer – green asphalt shingle	Negative	MRSg
30a	Roof – southwest 2nd layer – black asphalt shingle	Negative	MRSk
30b	Roof – southwest top layer –red asphalt shingle	Negative	MRSr
30c	Roof – southwest 3rd layer – green asphalt shingle	Negative	MRSg
31a	Roof – northeast 2nd layer – black asphalt shingle	Negative	MRSk
31b	Roof – northeast top layer –red asphalt shingle	Negative	MRSr
31c	Roof – northeast 3rd layer – green asphalt shingle	Negative	MRSg

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1st Floor Walls	130 SF	Friable

Assumed Asbestos Containing Materials

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

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

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

Note#2: 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 DHS 159.

Harenda Management Group recommends that the vermiculite insulation be removed by a Wisconsin certified asbestos company as part of a deconstruction project. Vermiculite insulation observed in north wall of 1st floor northeast bedroom, blown in insulation observed in other exterior walls. Approximate quantity of vermiculite insulation 150 square feet.

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

Homogeneous Material Codes

SPl	Plaster
MPT	Tar Paper
MBI	Blown in Insulation
MVI	Vermiculite Insulation
MDW	Drywall
MF12n	12” Brown Floor Tile
MF12o	12” Orange Floor Tile
MF12l	12” Yellow Floor Tile
MCTMt	Tan Ceramic Tile
MCTMw	White Ceramic Tile
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
MRSg	Green Asphalt Shingle

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 3065 North 28th Street, Milwaukee, Wisconsin, took place on July 16, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 3065 North 28th Street, Milwaukee, Wisconsin

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

Exterior: 3065 North 28th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 3065 North 28th Street, Milwaukee, Wisconsin Date: 7/16/19

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	South Wall	Block	Gray	0.0597

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

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

IX. ASBESTOS LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Order #: 326616

Received 07/18/19
Analyzed 07/25/19
Reported 07/25/19

Project:
Location: Wisconsin
Number: 19-400-037.3065

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326616-001	07/15/19	1	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-002	07/15/19	2	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-003	07/15/19	3	Wisconsin		
Layer 1: Felt Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-004	07/15/19	4	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-005	07/15/19	5	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-006	07/15/19	6	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326616-007	07/15/19	7	Wisconsin		
Layer 1: Vermiculite Beige, Soft				None Detected	10% NON FIBROUS MATERIAL 90% VERMICULITE
326616-008	07/15/19	8	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.3065

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326616-009	07/15/19	9	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
326616-010	07/15/19	10	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
326616-011	07/15/19	11	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
326616-012	07/15/19	12	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
326616-013	07/15/19	13	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
326616-014	07/15/19	14	Wisconsin		
Layer 1: Floor Tile Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326616-015	07/15/19	15	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
326616-016	07/15/19	16	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.3065

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326616-017	07/15/19	17	Wisconsin			
Layer 1: Plaster Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326616-018	07/15/19	18	Wisconsin			
Layer 1: Floor Tile Off White, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326616-019	07/15/19	19	Wisconsin			
Layer 1: Ceramic Tile Brown, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100%	NON FIBROUS MATERIAL
326616-020	07/15/19	20	Wisconsin			
Layer 1: Ceramic Tile Off White, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan/Gray, Brittle				None Detected	100%	NON FIBROUS MATERIAL
326616-021	07/15/19	21	Wisconsin			
Layer 1: Floor Tile Light Brown, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326616-022	07/15/19	22	Wisconsin			
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL

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: 19-400-037.3065

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326616-023	07/15/19	23	Wisconsin			
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
326616-024	07/15/19	24	Wisconsin			
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL
326616-025	07/15/19	25	Wisconsin			
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL
326616-026	07/15/19	26	Wisconsin			
Layer 1: Plaster Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
326616-027	07/15/19	27	Wisconsin			
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL
326616-028	07/15/19	28	Wisconsin			
Layer 1: Plaster Gray, Granular One Layer Found.				None Detected	100%	NON FIBROUS MATERIAL
326616-029	07/15/19	29	Wisconsin			
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
Layer 2: Shingle Black/Red, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
Layer 3: Shingle Black/Green, Bituminous/Granular				None Detected	5% 5% 90%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						

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: 19-400-037.3065

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326616-030	07/15/19	30	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: Shingle				None Detected	5% CELLULOSE FIBER
Black/Red, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3: Shingle				None Detected	5% CELLULOSE FIBER
Black/Green, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
326616-031	07/15/19	31	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: Shingle				None Detected	5% CELLULOSE FIBER
Black/Red, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 3: Shingle				None Detected	5% CELLULOSE FIBER
Black/Green, Bituminous/Granular					5% MINERAL/GLASS WOOL
					90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					

EPA Regulatory Limit: 1%

Total layers analyzed on order: 47

326616-07/25/19 02:46 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.

326616 X 31

V:\326\326616

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UPS 1Z2E2899846 2195056

SCHNEIDER LABORATORIES GLOBAL, INC.

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3065				
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	7/15/19								
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 7/17/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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Submitting Co:	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3065				
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	7/15/19								
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 7/17/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.3065				
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	7/15/19								
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 7/17/19 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	19-400-037.3065				
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	7/15/19								

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 7/17/19 1900

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X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.3065

Order #: 326613

Matrix Paint
Received 07/18/19
Analyzed 07/18/19
Reported 07/18/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
326613-001	P1	Wisconsin	07/15/19	310 mg			
Lead		EPA 7000B		185 µg	0.0597 %	597 mg/kg	32.3 mg/kg

Analyst: ST
326613-07/18/19 04:37 PM

Reviewed By: **Jennifer Lee**
Manager

Federal Lead Paint Statute

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

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

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326613 R 1

V:\326\326613

fghraizi 7/18/2019 9:54:27 AM
UPS 1Z2E2899846 2195056

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	19-400-037.3065				
Collected By					

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

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
P1	7/15/19								

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/17/19 1700

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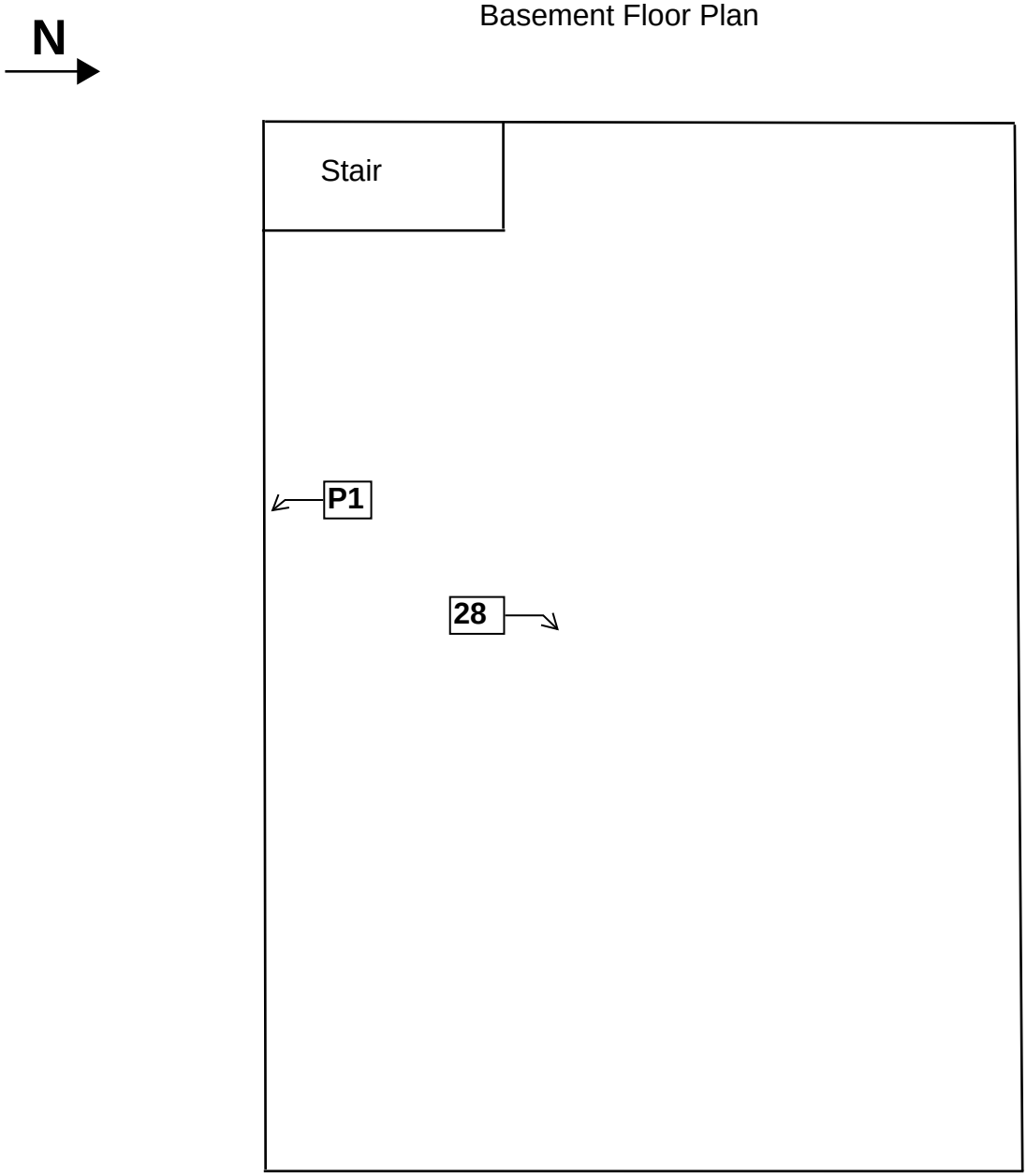
Chain-of-Custody documentation continued internally. Terms and conditions page 2

XI. FLOOR PLANS

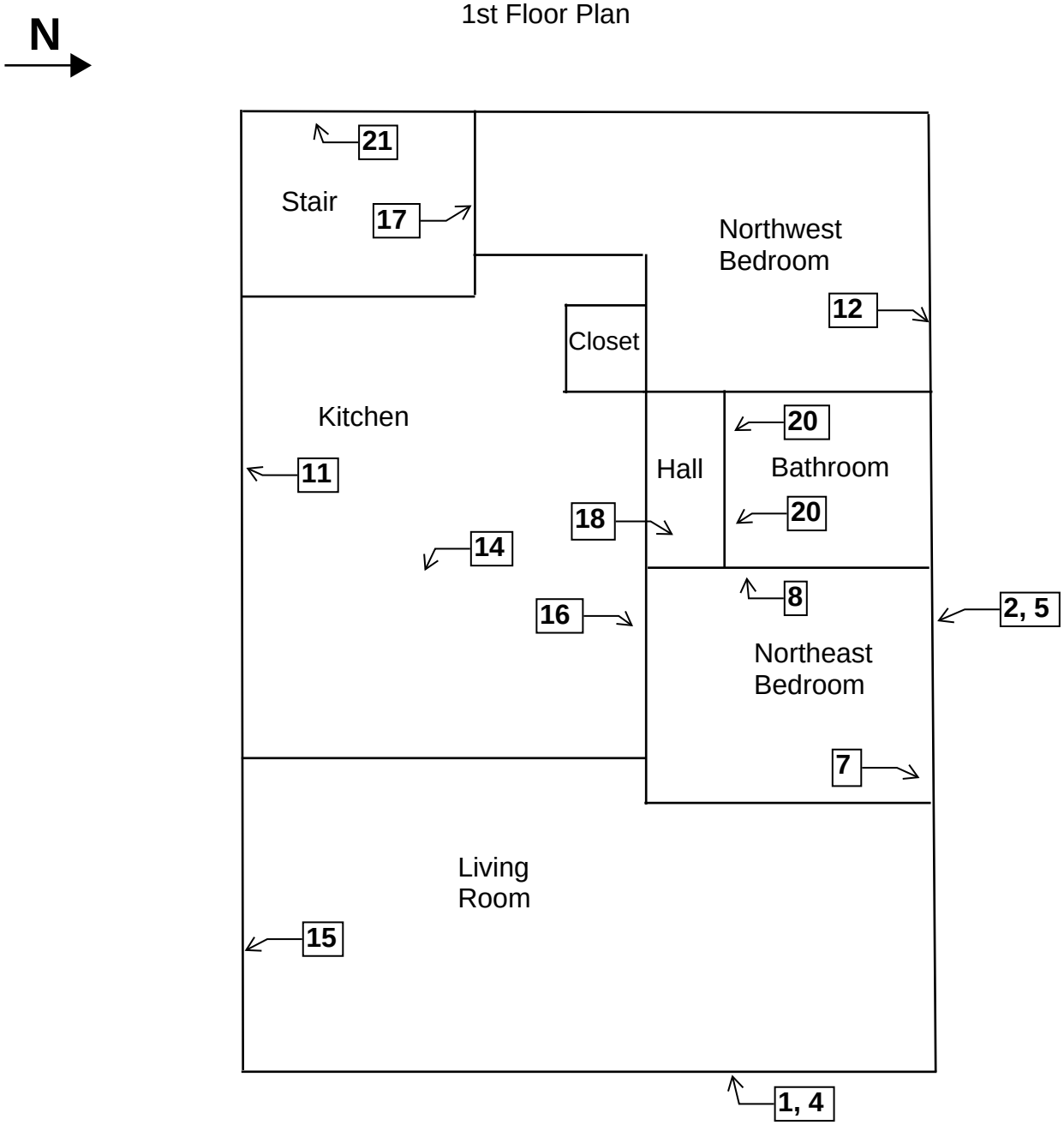
One Family Dwelling
3065 North 28th Street
Milwaukee, Wisconsin

Basement Floor Plan



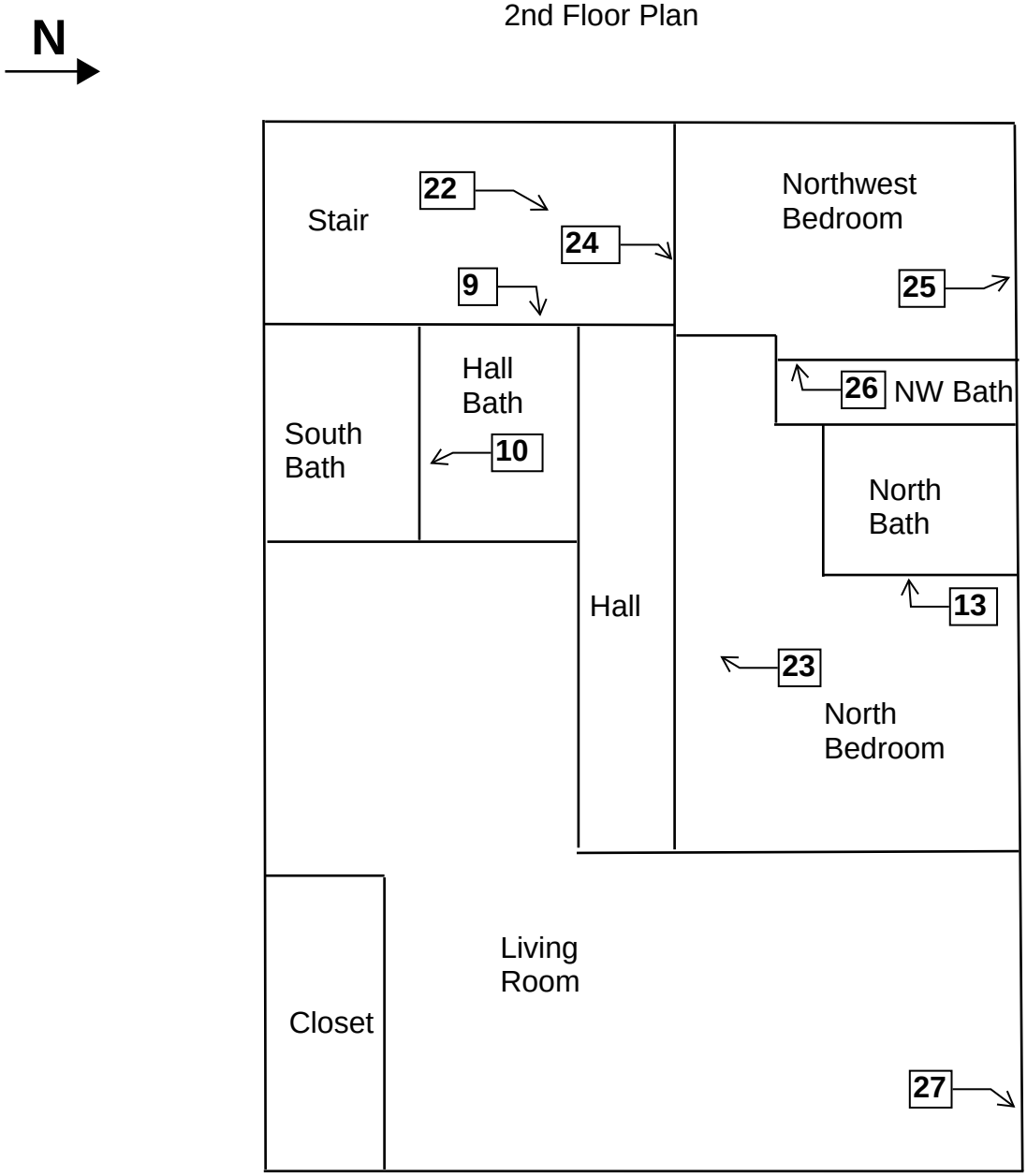
One Family Dwelling
3065 North 28th Street
Milwaukee, Wisconsin

1st Floor Plan



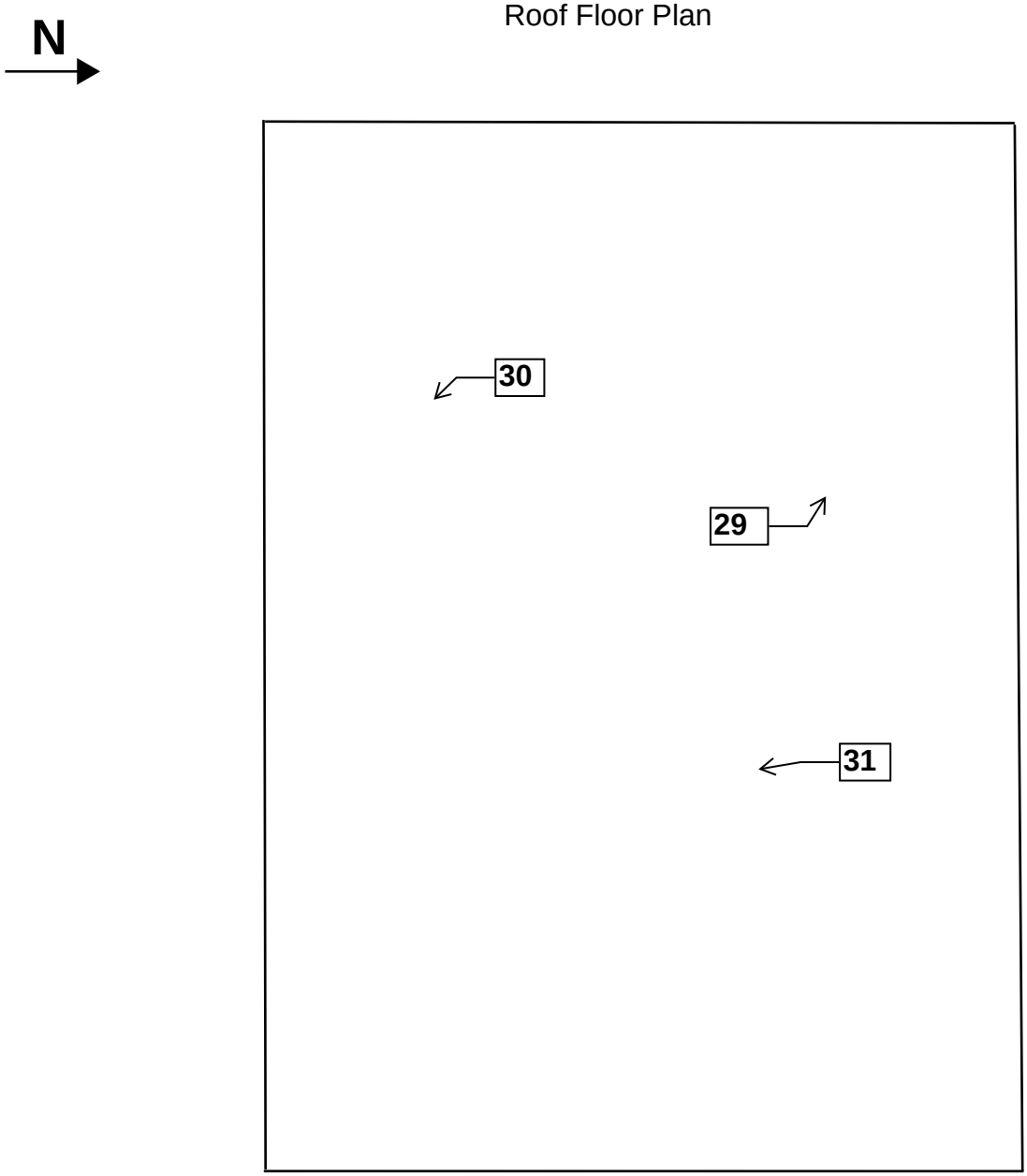
One Family Dwelling
3065 North 28th Street
Milwaukee, Wisconsin

2nd Floor Plan



One Family Dwelling
3065 North 28th 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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

ASBESTOS INSPECTION REPORT
Job Site:

Two Family Dwelling
2928 North 30th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 17-400-080.2928
Contract No.: 360-17-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2017

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the building at 2928 North 30th Street, Milwaukee, Wisconsin.

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

II. BUILDING SURVEY

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

On March 15, 2017, HMG conducted an asbestos inspection of a two family dwelling, scheduled for deconstruction, located at 2928 North 30th Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055.

The inspection was comprised of three elements:

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

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, tar paper, floor tile, ceiling tile, window glazing compound, ceramic tile, linoleum, blown in insulation, duct paper, drywall/joint compound, flue packing, asphalt roofing, and mastic. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	MPT
2	Exterior – north wall under wood siding – tar paper	Negative	MPT
3	Exterior – south wall under wood siding – tar paper	Negative	MPT
4a	1st floor – front entry – top layer – 12” tan floor tile	Negative	MF12t
4b	1st floor – front entry – top layer – under 12” tan floor tile – yellow mastic	Negative	MF12t
4c	1st floor – front entry – 2nd layer – 12” white floor tile	Negative	MF12w
4d	1st floor – front entry – 3rd layer – 12” brown floor tile	Negative	MF12n
4e	1st floor – front entry – 3rd layer – under 12” brown floor tile – yellow mastic	Negative	MF12n
4f	1st floor – front entry – bottom layer – 12” beige and brown floor tile	Negative	MF12en
4g	1st floor – front entry – bottom layer – under 12” beige and brown floor tile – yellow mastic	Negative	MF12en
5	1st floor – living room – 1’ x 1’ ceiling tile	Negative	MSCT11
6	1st floor – living room – on west window – glazing compound	Negative	MPG
7	2nd floor – dining room – on south window – glazing compound	Negative	MPG
8	Basement – on north window – glazing compound	Negative	MPG
9a	1st floor – hall – top layer – 12” brown and tan floor tile	Negative	MF12nt
9b	1st floor – hall – 2nd layer – 12” tan and black floor tile	Negative	MF12tk
9c	**1st floor – hall – 3rd layer – red linoleum**	**Positive 20% Chrysotile**	**MFLr**
9d	**1st floor – hall – bottom layer – 12” brown and cream floor tile**	**Positive 3% Chrysotile**	**MF12nc**
9e	1st floor – hall – bottom layer – under 12” brown and cream floor tile – yellow mastic	Negative	MF12nc
10a	1st floor – bathroom – on north wall – white ceramic tile	Negative	MCTMw
10b	1st floor – bathroom – on north wall – grout	Negative	MCTMw
10c	1st floor – bathroom – on north wall – under white ceramic tile – white mastic	Negative	MCTMw
11	1st floor – bathroom – top layer – brown linoleum	Negative	MFLn
12a	1st floor – bathroom – 2nd layer – 12” gray floor tile	Negative	MF12y

Sample #	Location and Description	Results	Homogeneous Code
12b	1st floor – bathroom – 3rd layer – 12” blue floor tile	Negative	MF12b
12c	1st floor – bathroom – 4th layer – 12” beige floor tile	Negative	MF12e
12d	1st floor – bathroom – bottom layer – white linoleum	Negative	MFLw
13	1st floor – living room – in west wall – blown in insulation	Negative	MBI
14	2nd floor – kitchen – in east wall – blown in insulation	Negative	MBI
15	Attic – on floor – blown in insulation	Negative	MBI
16a	1st floor – kitchen – top layer – gray linoleum	Negative	MFLy
16b	1st floor – kitchen – top layer – under gray linoleum – yellow mastic	Negative	MFLy
16c	1st floor – kitchen – 2nd layer – tan linoleum	Negative	MFLt
16d	**1st floor – kitchen – 3rd layer – red and brown linoleum**	**Positive 20% Chrysotile**	**MFLrn**
16e	**1st floor – kitchen – 4th layer – 12” brown and white floor tile**	**Positive 3% Chrysotile**	**MF12nw**
16f	1st floor – kitchen – 4th layer – under 12” brown and white floor tile – yellow mastic	Negative	MF12nw
17a	1st floor – kitchen – at north sink area – 12” white and tan floor tile	Negative	MF12wt
17b	1st floor – kitchen – at north sink area – under 12” white and tan floor tile – brown mastic	Negative	MF12wt
18a	1st floor – pantry – top layer – gray and brown linoleum	Negative	MFLyn
18b	1st floor – pantry – top layer – under gray and brown linoleum – tan mastic	Negative	MFLyn
18c	**1st floor – pantry – 2nd layer – 12” red floor tile**	**Positive 3% Chrysotile**	**MF12r**
18d	**1st floor – pantry – 3rd layer – tan and gray linoleum**	**Positive 20% Chrysotile**	**MFLty**
18e	1st floor – pantry – 3rd layer – under tan and gray linoleum – tan mastic	Trace <1% Chrysotile	MFLty
18e	POINT COUNT RESULT	Trace <0.25% Chrysotile	MFLty
18f	1st floor – pantry – 4th layer – 12” beige and white floor tile	Negative	MF12ew
19	1st floor – pantry – 6th layer – black linoleum	Negative	MFLk
20	1st floor – pantry – bottom layer – brown and black linoleum	Negative	MFLnk
21	**Basement – north side on duct – duct paper**	**Positive 60% Chrysotile**	**TDW**
22	2nd floor – kitchen – gray and white linoleum	Negative	MFLyw
23a	2nd floor – living room – south wall – joint compound	Negative	MDW
23b	2nd floor – living room – south wall – drywall	Negative	MDW
24a	2nd floor – dining room – north wall – joint compound	Negative	MDW
24b	2nd floor – dining room – north wall – drywall	Negative	MDW
25a	2nd floor – west bedroom – east wall – joint compound	Negative	MDW
25b	2nd floor – west bedroom – east wall – drywall	Negative	MDW
26	2nd floor – hall – top layer – 12” white and pink floor tile	Negative	MF12wp
27	**2nd floor – hall – bottom layer – red and gray linoleum**	**Positive 15% Chrysotile**	**MFLry**
28	2nd floor – bathroom – pink linoleum	Negative	MFLp
29	2nd floor – hall – 2’ x 2’ ceiling tile	Negative	MSCT22
30	2nd floor – hall – 2’ x 4’ ceiling tile	Negative	MSCT24
31a	2nd floor – west bedroom – 12” white and blue floor tile	Negative	MF12wb

Sample #	Location and Description	Results	Homogeneous Code
31b	2nd floor – west bedroom – under 12" white and blue floor tile – tan mastic	Negative	MF12wb
32	1st floor – front hall – on ceiling – texture	Negative	STX
33	1st floor – front hall – on east wall – texture	Negative	STX
34	2nd floor – front hall – on north wall – texture	Negative	STX
35	1st floor – living room – east wall – plaster	Negative	SPl
36	1st floor – bathroom – west wall – plaster	Negative	SPl
37a	1st floor – dining room – south wall – plaster skim coat	Negative	SPl
37b	1st floor – dining room – south wall – plaster base coat	Negative	SPl
38a	1st floor – east bedroom – north wall – plaster skim coat	Negative	SPl
38b	1st floor – east bedroom – north wall – plaster base coat	Negative	SPl
39a	2nd floor – kitchen – east wall – plaster skim coat	Negative	SPl
39b	2nd floor – kitchen – east wall – plaster base coat	Negative	SPl
40a	2nd floor – pantry – west wall – plaster skim coat	Negative	SPl
40b	2nd floor – pantry – west wall – plaster base coat	Negative	SPl
41a	2nd floor – hall – west wall – plaster skim coat	Negative	SPl
41b	2nd floor – hall – west wall – plaster base coat	Negative	SPl
42	Basement – on chimney – flue packing bottom layer	Trace <1% Chrysotile	TFP
42	POINT COUNT RESULT	Trace 0.25% Chrysotile	TFP
42	Basement – on chimney – flue packing top layer	Negative	TFP
43a	Roof – north side – top layer – gray asphalt shingle	Negative	MRSy
43b	Roof – north side – 2nd layer – green asphalt shingle	Negative	MRSg
43c	Roof – north side – 3rd layer – black asphalt shingle	Negative	MRSk
43d	Roof – north side – 4th layer – red asphalt shingle	Negative	MRSr
43e	Roof – north side – 5th layer – blue asphalt shingle	Negative	MRSb
44a	Roof – west side – top layer – gray asphalt shingle	Negative	MRSy
44b	Roof – west side – 2nd layer – green asphalt shingle	Negative	MRSg
44c	Roof – west side – 3rd layer – black asphalt shingle	Negative	MRSk
44d	Roof – west side – 4th layer – red asphalt shingle	Negative	MRSr
44e	Roof – west side – 5th layer – blue asphalt shingle	Negative	MRSb
45a	Roof – south side – top layer – gray asphalt shingle	Negative	MRSy
45b	Roof – south side – 2nd layer – green asphalt shingle	Negative	MRSg
45c	Roof – south side – 3rd layer – black asphalt shingle	Negative	MRSk
45d	Roof – south side – 4th layer – red asphalt shingle	Negative	MRSr
45e	Roof – south side – 5th layer – blue asphalt shingle	Negative	MRSb

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

Material	Homogeneous Code	Location	Approximate Quantity
Red Linoleum	MFLr	1st Floor Hall 3rd layer	30 Sq. Ft.
Red & Brown Linoleum	MFLrn	1st Floor Kitchen 3rd layer	150 Sq. Ft.
Tan & Gray Linoleum	MFLty	1st & 2nd Floor Pantry 3rd Layer	60 Sq. Ft.
Red & Gray Linoleum	MFLry	2nd Floor Hall Bottom (2nd) Layer	30 Sq. Ft.
12" Brown & Cream Floor Tile	MF12nc	1st Floor Hall Bottom (4th) Layer	30 Sq. Ft.
12" Brown & White Floor Tile	MF12nw	1st Floor Kitchen 4th Layer	150 Sq. Ft.
12" Red Floor Tile	MF12r	1st & 2nd Floor Pantry 2nd Layer	60 Sq. Ft.
Duct Paper	TDW	Basement On North Side Ducts	6 Sq. Ft.

Assumed Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	House at Chimney	Flashing	3 Sq. Ft.

The roof flashing was not accessible at the time of the inspection. It is a suspect category I non friable asbestos containing material.

Note #1: The linoleums and duct paper are friable asbestos containing materials and must be abated prior to deconstruction.

The floor tiles and roof flashing are category I non-friable asbestos containing materials and must 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 paper may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper
MF12t	12” Tan Floor Tile
MF12w	12” White Floor Tile
MF12n	12” Brown Floor Tile
MF12nt	12” Brown & Tan Floor Tile
MF12tk	12” Tan & Black Floor Tile
MF12nc	12” Brown & Cream Floor Tile
MF12b	12” Blue Floor Tile
MF12y	12” Gray Floor Tile
MF12e	12” Beige Floor Tile
MF12nw	12” Brown & White Floor Tile
MF12wt	12” White & Tan Floor Tile
MF12r	12” Red Floor Tile
MF12ew	12” Beige & White Floor Tile
MF12wp	12” White & Pink Floor Tile
MF12wb	12” White & Blue Floor Tile
MSCT11	1’ x 1’ Ceiling Tile
MSCT24	2’ x 4’ Ceiling Tile
MSCT22	2’ x 2’ Ceiling Tile
MPG	Window Glazing Compound
MFLr	Red Linoleum
MFLn	Brown Linoleum
MFLw	White Linoleum
MFLy	Gray Linoleum
MFLt	Tan Linoleum
MFLrn	Red & Brown Linoleum
MFLyn	Gray & Brown Linoleum
MFLty	Tan & Gray Linoleum
MFLk	Black Linoleum
MFLnk	Brown & Black Linoleum

Homogeneous Material Codes

MFLyw	Gray & White Linoleum
MFLry	Red & Gray Linoleum
MFLp	Pink Linoleum
MCTMw	White Ceramic Tile
MBI	Blown in Insulation
MDW	Drywall/Joint Compound
MRSy	Gray Asphalt Shingle Roofing
MRSg	Green Asphalt Shingle Roofing
MRSk	Black Asphalt Shingle Roofing
MRSr	Red Asphalt Shingle Roofing
MRSb	Blue Asphalt Shingle Roofing
TFP	Flue Packing
TDW	Duct Paper

V. EXCLUSIONS

All areas within walls and ceilings were not accessible. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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 – 2Breaker Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters on Exterior

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Felt	Asbestos Not Present	Cellulose	70	Tar
002	2	Homogeneous	Black Felt	Asbestos Not Present	Cellulose	70	Tar
003	3	Homogeneous	Black Felt	Asbestos Not Present	Cellulose	70	Tar
004	4	Layered	Gray Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
004a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
004b		Layered	White Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
004c		Layered	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

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Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004d		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
004e		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
004f		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
005	5	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
006	6	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
007	7	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3

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Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
009	9	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
009a		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
009b		Layered	Red Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose 10	CaCO3 Vinyl
009c		Layered	Brown Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
009d		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
010	10	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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

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Project Location: Milwaukee, WI
Project Number: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010a		Layered	Brown Grout	Asbestos Not Present	NA	CaCO3 Sand
010b		Layered	White Adhesive	Asbestos Not Present	NA	CaCO3 Glue
011	11	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
012	12	Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
012a		Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
012b		Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
012c		Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
013	13	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
014	14	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
015	15	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose	100	
016	16	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
016a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
016b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016c		Layered	Red Sheet Vinyl	Asbestos Present Chrysotile 20	Cellulose 10	CaCO3 Vinyl
016d		Layered	Brown Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
016e		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
017	17	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
017a		Layered	Brown Mastic	Asbestos Not Present	Cellulose 2	Binder
018	18	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 10	Vinyl

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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. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
018b		Layered	Red Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl CaCO3
018c		Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	Vinyl
018d		Layered	Tan Mastic	Asbestos Present Chrysotile <1	Cellulose 2	Glue
018e		Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
019	19	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose 50	Tar Binder
020	20	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 50	Tar CaCO3 Binder

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Gray Pipe Wrap	Asbestos Present Chrysotile 60	Cellulose 30	Binder
022	22	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose 20 Glass Fiber 10	Vinyl
023	23	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
024	24	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
025a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
026	26	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
027	27	Homogeneous	Red Sheet Vinyl	Asbestos Present Chrysotile 15	NA	Vinyl
028	28	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose 15 Glass Fiber 2	Vinyl
029	29	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
030	30	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint

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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. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	31	Layered	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
031a		Layered	Tan Mastic	Asbestos Not Present	NA	Binder
032	32	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
033	33	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
034	34	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
035	35	Homogeneous	Gray Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
036	36	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	2	CaCO3 Sand
037	37	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
037a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	CaCO3 Sand
038	38	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
038a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Sand CaCO3
039	39	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
039a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	40	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
040a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
041	41	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
041a		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
042	42	Layered	White Plaster	Asbestos Present Chrysotile <1	NA	CaCO3 Sand
042a		Layered	Gray Cement	Asbestos Not Present	NA	CaCO3 Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
043	43	Layered	White Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand
043a		Layered	Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
043b		Layered	Black Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand
043c		Layered	Red Shingle	Asbestos Not Present	Cellulose	50	Sand Tar
043d		Layered	Blue/Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
044	44	Layered	Blue/Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
044a		Layered	White Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
044b		Layered	Black Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand
044c		Layered	Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
044d		Layered	Red Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
045	45	Layered	White Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand
045a		Layered	Black Shingle	Asbestos Not Present	Glass Fiber	40	Tar Sand
045b		Layered	Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 277596
Account Number: B929
Date Received: 03/16/2017
Received By: Karen Braley
Date Analyzed: 03/23/2017
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: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
045c		Layered	Blue/Green Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
045d		Layered	Red Shingle	Asbestos Not Present	Cellulose	50	Tar Sand

Dee Ammerman, Analyst

3/23/2017
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 277596	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.2928
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/15/17 1130	FedEx	K. Bradley	3-16-17 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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For Lab Use Only	
Lab No. 277596	
Accept	Reject

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

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

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

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ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 277596	
Accept	Reject

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

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

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. 278213
Account Number: B929
Date Received: 03/31/2017
Received By: Peyton Awbrey
Date Analyzed: 04/03/2017
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

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

Project: DNS 400 PTCT FOR 277596
Project Location: Milwaukee, WI
Project Number: 17-400-080.2928

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	18	Homogeneous	Tan Mastic	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	42	Homogeneous	White Plaster	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Dee Ammerman, Analyst

4/3/2017
Date of Report

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

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

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Page 1 of 1

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ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. ~~277596~~ PA
Accept Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.2928
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/30/17 1540	Email	PA	3/31/17 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	18	☑		tan mastic under tan vinyl		Quantem Lab No. 277596
2	42	☑		white player		
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Kitty Rhoades
Secretary

State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH
1 WEST WILSON STREET
P O BOX 2659
MADISON WI 53701-2659
Telephone: 608 266-1251
FAX: 608 267-2832
TTY: 888-701-1253
dhs.wisconsin.gov

April 8, 2016

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

ID# AII-111055

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

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

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

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

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

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

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

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

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

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Fire Damaged
Two Family Dwelling
3248 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.: 20-400-020.3248
Inspector: Damian Rogowski
Contract No.: 360-20-0975

Prepared by:

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

March 2020

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
3248 North 35th Street
Milwaukee, Wisconsin

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

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

March 11, 2020

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

RE: Deconstruction Inspection Report
3248 North 35th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3248 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 3248 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 for laboratory analysis.

Asbestos was detected above 1% in basement duct wrap, 2nd floor kitchen, pantry, and fall floor tile, 1st floor hall and pantry floor tile, and exterior transite siding sampled during the inspection. Asbestos was detected at less than 1% in 1st floor dining room wall mastic and 1st floor kitchen floor tile, as verified by point count analysis. Results are in Section IV of this report.

Painted masonry was not observed during this inspection.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3248 North 35th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum, transite, and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On March 2, 2020, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 3248 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.

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:

- Duct wrap
- Drywall/joint compound
- Blown in insulation
- Stair tread
- Plaster
- Texture
- Floor tile
- Linoleum
- Ceiling tile
- Paper insulation
- Transite siding
- Tar paper
- Caulk

- Asphalt roofing
- Mastics

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

III. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	**Basement – on northeast duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
2	**Basement – on east duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
3	**Basement – on southeast duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
4a	Attic – west room ceiling – drywall	Negative	MDW
4b	Attic – west room ceiling – joint compound	Negative	MDW
5	Attic – east side under floor – blown in insulation	Negative	MBI
6	Attic – center under floor – blown in insulation	Negative	MBI
7	Attic – west room under floor – blown in insulation	Negative	MBI
8a	2nd floor – front stair – on steps – brown stair tread	Negative	MSTn

Sample #	Location and Description	Results	Homogeneous Code
8b	2nd floor – front stair – on steps – under brown stair tread – tan mastic	Negative	MSTn
9	Attic – stair – east wall – plaster	Negative	SPl
10	2nd floor – office – east wall – plaster	Negative	SPl
11	2nd floor – dining room – north wall – plaster	Negative	SPl
12	1st floor – front entry – north wall – plaster	Negative	SPl
13	1st floor – kitchen – west wall – plaster	Negative	SPl
14	2nd floor – kitchen – on ceiling – texture	Negative	STX
15	2nd floor – dining room – on ceiling – texture	Negative	STX
16	2nd floor – living room – on ceiling – texture	Negative	STX
17a	2nd floor – kitchen top layer – 12” white and pink floor tile	Negative	MF12wp
17b	2nd floor – kitchen top layer – under 12” white and pink floor tile – beige mastic	Negative	MF12wp
18a	2nd floor – pantry top layer – 12” white and pink floor tile	Negative	MF12wp
18b	2nd floor – pantry top layer – under 12” white and pink floor tile – beige mastic	Negative	MF12wp
19a	2nd floor – hall top layer – 12” white and pink floor tile	Negative	MF12wp
19b	2nd floor – hall top layer – under 12” white and pink floor tile – beige mastic	Negative	MF12wp
20a	2nd floor – kitchen 2nd layer – 12” tan floor tile	Negative	MF12t
20b	2nd floor – kitchen 2nd layer – under 12” tan floor tile – clear mastic	Negative	MF12t
21a	2nd floor – pantry 2nd layer – 12” tan floor tile	Negative	MF12t
21b	2nd floor – pantry 2nd layer – under 12” tan floor tile – clear mastic	Negative	MF12t
22a	2nd floor – hall 2nd layer – 12” tan floor tile	Negative	MF12t
22b	2nd floor – hall 2nd layer – under 12” tan floor tile – clear mastic	Negative	MF12t
23a	**2nd floor – kitchen 3rd layer – 12” green and brown floor tile**	**Positive 4% Chrysotile**	**MF12gn**
23b	2nd floor – kitchen 3rd layer – under 12” green and brown floor tile – tan mastic	Negative	MF12gn
24a	**2nd floor – pantry 3rd layer – 12” green and brown floor tile**	**Positive 4% Chrysotile**	**MF12gn**
24b	2nd floor – pantry 3rd layer – under 12” green and brown floor tile – tan mastic	Negative	MF12gn
25a	**2nd floor – hall 3rd layer – 12” green and brown floor tile**	**Positive 4% Chrysotile**	**MF12gn**
25b	2nd floor – hall 3rd layer – under 12” green and brown floor tile – tan mastic	Negative	MF12gn
26	2nd floor – kitchen 4th layer – yellow and gold linoleum	Negative	MFLld
27	2nd floor – pantry 4th layer – yellow and gold linoleum	Negative	MFLld
28	2nd floor – hall 4th layer – yellow and gold linoleum	Negative	MFLld
29a	2nd floor – bathroom top layer – 12” tan floor tile #2	Negative	MF12t2
29b	2nd floor – bathroom top layer – under 12” tan floor tile #2 – yellow mastic	Negative	MF12t2
29c	2nd floor – bathroom 2nd layer – brown paper insulation	Negative	MPIn
30	1st floor – living room – in floor debris – 1’ x 1’ rough texture ceiling tile	Negative	MSCT11R
31	1st floor – dining room – in floor debris – 1’ x 1’ rough texture ceiling tile	Negative	MSCT11R
32	1st floor – dining room – in floor debris – 1’ x 1’ rough texture ceiling tile	Negative	MSCT11R

Sample #	Location and Description	Results	Homogeneous Code
33a	1st floor – dining room – on northeast corner wall under panel – patch layer	Negative	MPMk
33b	1st floor – dining room – on northeast corner wall under panel – black mastic	Positive 2% Chrysotile	MPMk
33b	Point Count Result	Trace 0.5% Chrysotile	MPMk
34a	1st floor – dining room – on northeast corner wall under panel – patch layer	Negative	MPMk
34b	1st floor – dining room – on northeast corner wall under panel – black mastic	Positive 2% Chrysotile	MPMk
34b	Point Count Result	Trace 0.5% Chrysotile	MPMk
36a	1st floor – kitchen – northeast top layer – 12” tan and brown floor tile	Negative	MF12tn
36b	1st floor – kitchen – northeast top layer – under 12” tan and brown floor tile – clear mastic	Negative	MF12tn
37a	1st floor – hall top layer – 12” tan and brown floor tile	Negative	MF12tn
37b	1st floor – hall top layer – under 12” tan and brown floor tile – clear mastic	Negative	MF12tn
38a	1st floor – kitchen – east side top layer – 12” tan and brown floor tile	Negative	MF12tn
38b	1st floor – kitchen – east side top layer – under 12” tan and brown floor tile – clear mastic	Negative	MF12tn
39a	1st floor – kitchen – northeast 2nd layer – under 12” beige and brown floor tile – clear mastic	Negative	MF12en
39b	1st floor – kitchen – northeast 2nd layer – 12” beige and brown floor tile	Negative	MF12en
40a	1st floor – hall 2nd layer – under 12” beige and brown floor tile – clear mastic	Negative	MF12en
40b	1st floor – hall 2nd layer – 12” beige and brown floor tile	Negative	MF12en
41a	1st floor – kitchen – east side 2nd layer – under 12” beige and brown floor tile – clear mastic	Negative	MF12en
41b	1st floor – kitchen – east side 2nd layer – 12” beige and brown floor tile	Negative	MF12en
42	1st floor – kitchen – northeast 3rd layer – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
42	Point Count Result	Trace 0.75% Chrysotile	MF12l
43	1st floor – kitchen – west side 3rd layer – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
43	Point Count Result	Trace 0.5% Chrysotile	MF12l
44	1st floor – kitchen – east side 3rd layer – 12” yellow floor tile	Positive 2% Chrysotile	MF12l
44	Point Count Result	Trace 0.75% Chrysotile	MF12l
45	1st floor – kitchen – northeast 4th layer – gold and brown linoleum	Negative	MFLdn
46	1st floor – hall 4th layer – gold and brown linoleum	Negative	MFLdn
47	1st floor – kitchen – west side 4th layer – gold and brown linoleum	Negative	MFLdn
48a	1st floor – pantry 3rd layer – yellow linoleum	Negative	MFLl
48b	1st floor – pantry 3rd layer – under yellow linoleum - clear mastic	Negative	MFLl

Sample #	Location and Description	Results	Homogeneous Code
49a	**1st floor – pantry 2nd layer – 12" gray floor tile**	**Positive 4% Chrysotile**	**MF12y**
49b	1st floor – pantry 2nd layer – under 12" gray floor tile – clear mastic	Negative	MF12y
50a	**1st floor – hall 3rd layer – 12" gray floor tile**	**Positive 4% Chrysotile**	**MF12y**
50b	1st floor – hall 3rd layer – under 12" gray floor tile – clear mastic	Negative	MF12y
51a	**1st floor – pantry 2nd layer – 12" gray floor tile**	**Positive 4% Chrysotile**	**MF12y**
51b	1st floor – pantry 2nd layer – under 12" gray floor tile – clear mastic	Negative	MF12y
52	1st floor – pantry 4th layer – beige and brown linoleum	Negative	MFLen
53a	1st floor – bathroom – 12" white and gray floor tile	Negative	MF12wy
53b	1st floor – bathroom – under 12" white and gray floor tile – yellow mastic	Negative	MF12wy
54	Exterior – northwest under aluminum siding – silver paper insulation	Negative	MPIs
55	Exterior – west center under aluminum siding – silver paper insulation	Negative	MPIs
56	Exterior – southwest under aluminum siding – silver paper insulation	Negative	MPIs
57	**Exterior – west wall under silver paper insulation – transite siding**	**Positive 20% Chrysotile**	**MTP**
58	**Exterior – south wall under silver paper insulation – transite siding**	**Positive 20% Chrysotile**	**MTP**
59	**Exterior – east wall under silver paper insulation – transite siding**	**Positive 20% Chrysotile**	**MTP**
60	Exterior – west wall under transite siding – tar paper	Negative	MPT
61	Exterior – south wall under transite siding – tar paper	Negative	MPT
62	Exterior – east wall under transite siding – tar paper	Negative	MPT
63	Exterior – west wall under wood siding – black paper insulation	Negative	MPIk
64	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
65	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
66	Exterior – on west window – brown caulk	Negative	MCLKn
67	Exterior – on south window – brown caulk	Negative	MCLKn
68	Exterior – on east window – brown caulk	Negative	MCLKn
69	Roof – northwest top layer – green and white asphalt shingle	Negative	MRSgw
70	Roof – southwest top layer – green and white asphalt shingle	Negative	MRSgw
71	Roof – southeast top layer – green and white asphalt shingle	Negative	MRSgw
72	Roof – northwest 2nd layer – black asphalt shingle	Negative	MRSk
73	Roof – southwest 2nd layer – black asphalt shingle	Negative	MRSk
74	Roof – southeast 2nd layer – black asphalt shingle	Negative	MRSk

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

Material	Homogeneous Code	Location	Approximate Quantity	Type
Transite Siding	MTP	Exterior Walls Under Aluminum Siding	2,500 SF	Category II Non-Friable
Duct Wrap	TDW	Basement East Side in Ducts	6 SF	Friable
12" Green & Brown Floor Tile	MF12gn	2nd Floor Kitchen/Hall/ Pantry 3rd Layer	220 SF	Category I Non-Friable
12" Gray Floor Tile	MF12y	1st Floor Hall 3rd Layer, 1st Floor Pantry 2nd Layer	70 SF	Category I Non-Friable

Assumed Asbestos Containing Materials

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

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

Two (2) of the materials sampled contain less than 1% asbestos and are not ACMs:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Black Mastic Under Wall Panels	MPMk	1st Floor Dining Room Walls	450 SF	Category II Non-Friable
12" Yellow Floor Tile	MF12l	1st Floor Kitchen 3rd Layer	150 SF	Category I Non-Friable

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: The black mastic under the wall panels and the 12" yellow floor tile contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

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

HMG recommends that the black mastic under the wall panels and the 12" yellow floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MDW	Drywall
MBI	Blown in Insulation
MSTn	Brown Stair Tread
MF12wp	12" White & Pink Floor Tile
MF12t	12" Tan Floor Tile
MF12gn	12" Green & Brown Floor Tile
MF12t2	12" Tan Floor Tile #2
MF12tn	12" Tan & Brown Floor Tile
MF12l	12" Yellow Floor Tile
MF12y	12" Gray Floor Tile
MF12wy	12" White & Gray Floor Tile
MFLld	Yellow & Gold Linoleum
MFLdn	Gold & Brown Linoleum
MFLl	Yellow Linoleum
MFLen	Beige & Brown Linoleum
MSCT11R	1' x 1' Rough Texture Ceiling Tile
MPMk	Black Wall Panel Mastic
MPIn	Brown Paper Insulation
MPIs	Silver Paper Insulation
MPIk	Black Paper Insulation
MTP	Transite Siding
MPT	Tar Paper
MCLKn	Brown Caulk
MRSgw	Green & White Asphalt Shingle
MRSk	Black Asphalt Shingle
TDW	Duct Wrap

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 3248 North 35th Street, Milwaukee, Wisconsin, took place on March 2, 2020. 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.

Chapter 254 of the Wisconsin State Statutes defines lead bearing paint as any paint or other surface coating material having more than 0.5 percent lead by weight in the dried film of applied paint. The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Lead Inspection Results

Interior: 3248 North 35th Street, Milwaukee, Wisconsin

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

Exterior: 3248 North 35th Street, Milwaukee, Wisconsin

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

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

1st floor living room, dining room, and northwest bedroom floors fire damaged and unsafe – these rooms were only partially accessible. Basement west side buried in fire debris – area 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. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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 Electrical Boxes in Basement

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 2 Gas Meters on Exterior
* 30 Gallons Paint in Basement

IX. ASBESTOS LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Order #: 363380

Received 03/05/20
Analyzed 03/07/20
Reported 03/09/20

Attn:

Project:
Location: Wisconsin
Number: 20-400-020.3248

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-001	03/02/20	1	Wisconsin		
Layer 1: Tape Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-002	03/02/20	2	Wisconsin		
Layer 1: Tape Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-003	03/02/20	3	Wisconsin		
Layer 1: Tape Beige, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-004	03/02/20	4	Wisconsin		
Layer 1: Gypsum Board White, Powdery				None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
Layer 2: Joint Compound Green, Brittle				None Detected	100% NON FIBROUS MATERIAL
363380-005	03/02/20	5	Wisconsin		
Layer 1: Fibrous Material White, Fibrous				None Detected	10% FOAMED GLASS 80% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
363380-006	03/02/20	6	Wisconsin		
Layer 1: Fibrous Material White, Fibrous				None Detected	10% FOAMED GLASS 80% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
363380-007	03/02/20	7	Wisconsin		
Layer 1: Fibrous Material White, Fibrous				None Detected	10% FOAMED GLASS 80% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
363380-008	03/02/20	8	Wisconsin			
Layer 1: Rubbery Material Brown, Rubbery				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
363380-009	03/02/20	9	Wisconsin			
Layer 1: Granular Material Off White, Hard/Granular				None Detected	3% 97%	ANIMAL HAIR NON FIBROUS MATERIAL
363380-010	03/02/20	10	Wisconsin			
Layer 1: Granular Material Off White, Hard/Granular				None Detected	5% 95%	ANIMAL HAIR NON FIBROUS MATERIAL
363380-011	03/02/20	11	Wisconsin			
Layer 1: Granular Material Gray, Hard/Granular				None Detected	3% 97%	ANIMAL HAIR NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100%	NON FIBROUS MATERIAL
363380-012	03/02/20	12	Wisconsin			
Layer 1: Granular Material Gray, Hard/Granular				None Detected	3% 97%	ANIMAL HAIR NON FIBROUS MATERIAL
363380-013	03/02/20	13	Wisconsin			
Layer 1: Granular Material Off White, Hard/Granular				None Detected	3% 97%	ANIMAL HAIR NON FIBROUS MATERIAL
363380-014	03/02/20	14	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
363380-015	03/02/20	15	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
363380-016	03/02/20	16	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-017	03/02/20	17	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-018	03/02/20	18	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-019	03/02/20	19	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-020	03/02/20	20	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-021	03/02/20	21	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-022	03/02/20	22	Wisconsin		
Layer 1: Tile Brown, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-023	03/02/20	23	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
363380-024	03/02/20	24	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
363380-025	03/02/20	25	Wisconsin		
Layer 1: Tile Beige/Green, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
363380-026	03/02/20	26	Wisconsin		
Layer 1: Linoleum Beige/Tan, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-027	03/02/20	27	Wisconsin		
Layer 1: Linoleum Beige/Tan, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-028	03/02/20	28	Wisconsin		
Layer 1: Linoleum Beige/Tan, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
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: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-029	03/02/20	29	Wisconsin		
Layer 1: Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Backing Brown, Hard/Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-030	03/02/20	30	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-031	03/02/20	31	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-032	03/02/20	32	Wisconsin		
Layer 1: Fibrous Material Tan, Fibrous				None Detected	80% CELLULOSE FIBER 20% NON FIBROUS MATERIAL
363380-033	03/02/20	33	Wisconsin		
Layer 1: Granular Material White, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Brittle				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
363380-034	03/02/20	34	Wisconsin		
Layer 1: Granular Material White, Hard/Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Brittle				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
363380-035	03/02/20	35	Wisconsin		
Layer 1:					

Sample not received.

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-036	03/02/20	36	Wisconsin		
Layer 1: Tile Cream/Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-037	03/02/20	37	Wisconsin		
Layer 1: Tile Cream/Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-038	03/02/20	38	Wisconsin		
Layer 1: Tile Cream/Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-039	03/02/20	39	Wisconsin		
Layer 1: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile White/Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
363380-040	03/02/20	40	Wisconsin		
Layer 1: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile White/Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
363380-041	03/02/20	41	Wisconsin		
Layer 1: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile White/Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-042	03/02/20	42	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
363380-043	03/02/20	43	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
363380-044	03/02/20	44	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
363380-045	03/02/20	45	Wisconsin		
Layer 1: Linoleum Beige/Cream, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-046	03/02/20	46	Wisconsin		
Layer 1: Linoleum Beige/Cream, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-047	03/02/20	47	Wisconsin		
Layer 1: Linoleum Beige/Cream, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-048	03/02/20	48	Wisconsin		
Layer 1: Tile Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-049	03/02/20	49	Wisconsin		
Layer 1: Tile Yellow/Tan, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-050	03/02/20	50	Wisconsin		
Layer 1: Tile Yellow/Tan, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-051	03/02/20	51	Wisconsin		
Layer 1: Tile Yellow/Tan, Organically Bound				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 2: Mastic Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-052	03/02/20	52	Wisconsin		
Layer 1: Linoleum Beige/Cream, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 60% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-053	03/02/20	53	Wisconsin		
Layer 1: Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
363380-054	03/02/20	54	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous/Soft				None Detected	60% CELLULOSE FIBER 20% METAL FOIL 20% NON FIBROUS MATERIAL
363380-055	03/02/20	55	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous/Soft				None Detected	60% CELLULOSE FIBER 20% METAL FOIL 20% NON FIBROUS MATERIAL
363380-056	03/02/20	56	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous/Soft				None Detected	60% CELLULOSE FIBER 20% METAL FOIL 20% NON FIBROUS MATERIAL
363380-057	03/02/20	57	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-058	03/02/20	58	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
363380-059	03/02/20	59	Wisconsin		
Layer 1: Hard Material Gray, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
363380-060	03/02/20	60	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-061	03/02/20	61	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-062	03/02/20	62	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-063	03/02/20	63	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-064	03/02/20	64	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-065	03/02/20	65	Wisconsin		
Layer 1: Bituminous Material Black, Bituminous/Fibrous				None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
363380-066	03/02/20	66	Wisconsin		
Layer 1: Granular Material Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
363380-067	03/02/20	67	Wisconsin		
Layer 1: Granular Material Tan, Granular				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
363380-068	03/02/20	68	Wisconsin		
Layer 1: Granular Material				None Detected	100% NON FIBROUS MATERIAL
Tan, Granular					
363380-069	03/02/20	69	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Multi-Colored, Granular/Bituminous/Fibrous					80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-070	03/02/20	70	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Multi-Colored, Granular/Bituminous/Fibrous					80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-071	03/02/20	71	Wisconsin		
Layer 1: Shingle				None Detected	20% CELLULOSE FIBER
Multi-Colored, Granular/Bituminous/Fibrous					80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
363380-072	03/02/20	72	Wisconsin		
Layer 1: Bituminous Material				None Detected	60% CELLULOSE FIBER
Black, Bituminous					40% NON FIBROUS MATERIAL
363380-073	03/02/20	73	Wisconsin		
Layer 1: Bituminous Material				None Detected	60% CELLULOSE FIBER
Black, Bituminous/Fibrous					40% NON FIBROUS MATERIAL
363380-074	03/02/20	74	Wisconsin		
Layer 1: Bituminous Material				None Detected	60% CELLULOSE FIBER
Black, Bituminous/Fibrous					40% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 100

363380-03/09/20 11:21 AM

Analyst **Senhory Abdellatif**

Reviewed By: **Hind Eldanaf**
Microscopy Manager

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

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

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UPS 1Z2E28998464650327

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5065	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
Collected By					

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

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

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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

Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5065	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
Collected By					

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

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

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1700

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5065	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
Collected By					

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

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

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1200

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5065	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
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
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☐ 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	3/2/20								
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1700

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Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
Collected By					

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		Asbestos in Bulk	**Metals Total**	**TCLP**	**Microbiology**
☐ 2 Hour *	☐ Air	☒ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ Same day *	☐ Paint	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☐ 1 business day	☐ Soil	☐ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☑ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		**Sub-Contract**
☐ 3 business days	☒ Bulk	☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
☐ 5 business days	☐ Waste Water	**Asbestos in Air**	**Gravimetric**	**Miscellaneous**	☐ TEM AHERA
* not available for all tests	☐ Ground Water	☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
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Please schedule rush tests in advance	☐ TSP / PM10				
	☐ _____				

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

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/2020

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	20-400-020.3248				
Collected By					

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

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
51	3/2/20								
52	↓								
53									
54									
55									
56									
57									
58									
59									
60	✓								

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1700

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Submitting Co.	Harenda Management Group	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5065	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
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]
61	3/2/20								
62	↓								
63									
64									
65									
66									
67									
68									
69									
70									

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/4/20 1700

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Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	20-400-020.3248				
Collected By					

Turn Around Time **	Matrix	Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes			
		Asbestos in Bulk	**Metals Total**	**TCLP**	**Microbiology**
☐ 2 Hour *	☐ Air	☒ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ Same day *	☐ Paint	☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☐ 1 business day	☐ Soil	☐ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☑ 2 business days	☐ Wipe	☐ 1000 Point Count	☐ Mercury		**Sub-Contract**
☐ 3 business days	☒ Bulk	☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
☐ 5 business days	☐ Waste Water	**Asbestos in Air**	**Gravimetric**	**Miscellaneous**	☐ TEM AHERA
* not available for all tests	☐ Ground Water	☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
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Please schedule rush tests in advance	☐ TSP / PM10				
	☐ _____				

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
71	3/2/20								
72	↓								
73	↓								
74	↓								

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Analysis Report

Schneider Laboratories Global, Inc

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

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

Order #: 364043

Received 03/10/20
Analyzed 03/11/20
Reported 03/11/20

Attn:

Project:
Location: Wisconsin
Number: 20-400-020.3248

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials	
364043-001	03/02/20	33	Wisconsin				
Layer 1: Mastic Black, Brittle, Homogenous				0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
364043-002	03/02/20	34	Wisconsin				
Layer 1: Mastic Black, Brittle, Homogenous				0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
364043-003	03/02/20	42	Wisconsin				
Layer 1: Tile Tan, Organically Bound, Homogenous				0.75%	CHRYSOTILE	99.25%	NON FIBROUS MATERIAL
364043-004	03/02/20	43	Wisconsin				
Layer 1: Tile Tan, Organically Bound, Homogenous				0.50%	CHRYSOTILE	99.50%	NON FIBROUS MATERIAL
364043-005	03/02/20	44	Wisconsin				
Layer 1: Tile Tan, Organically Bound, Homogenous				0.75%	CHRYSOTILE	99.25%	NON FIBROUS MATERIAL

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

364043-03/11/20 03:22 PM

Analyst **Senhory Abdellatif**

Reviewed By: **Andrew Bruner**
Approved Signatory

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.

364043 S 5

V:\364\364043

afowler 3/10/2020 10:34:00 AM

Hand Delivered

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Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order 363380			
Project Number	20-400-020.3248				
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]
33	3/2/20		Mastic						
34									
42									
43									
44									

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/9/20 1615

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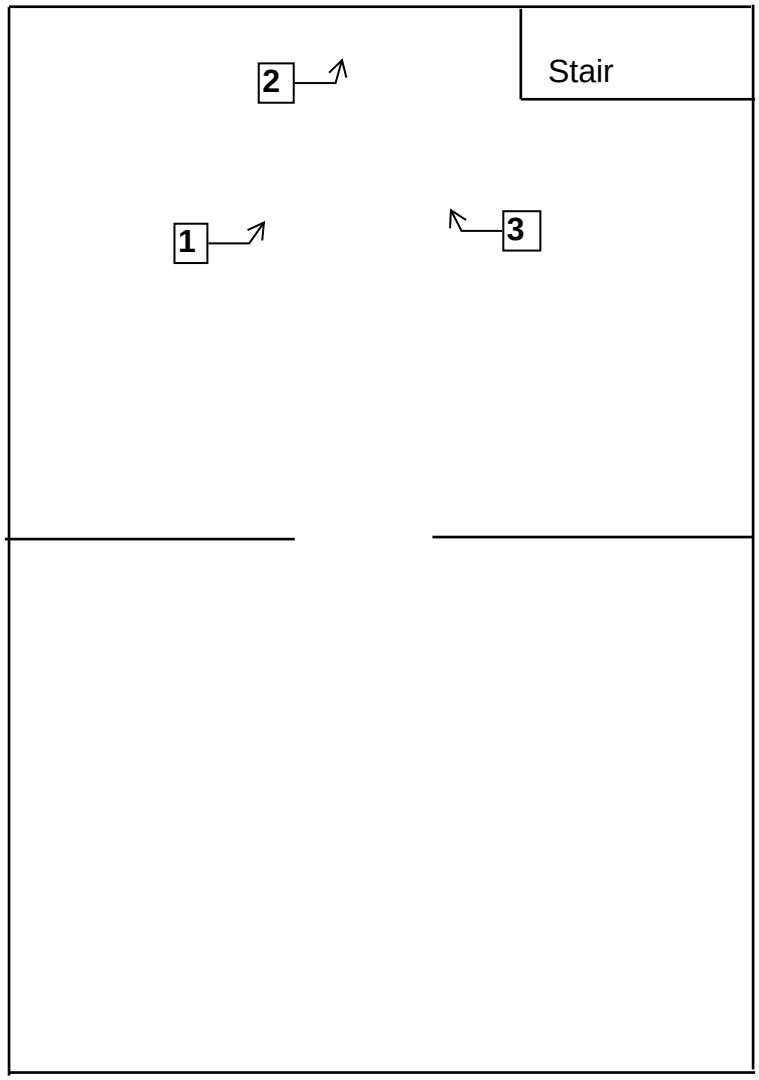
X. FLOOR PLANS

Two Family Dwelling
3248 North 35th Street
Milwaukee, Wisconsin

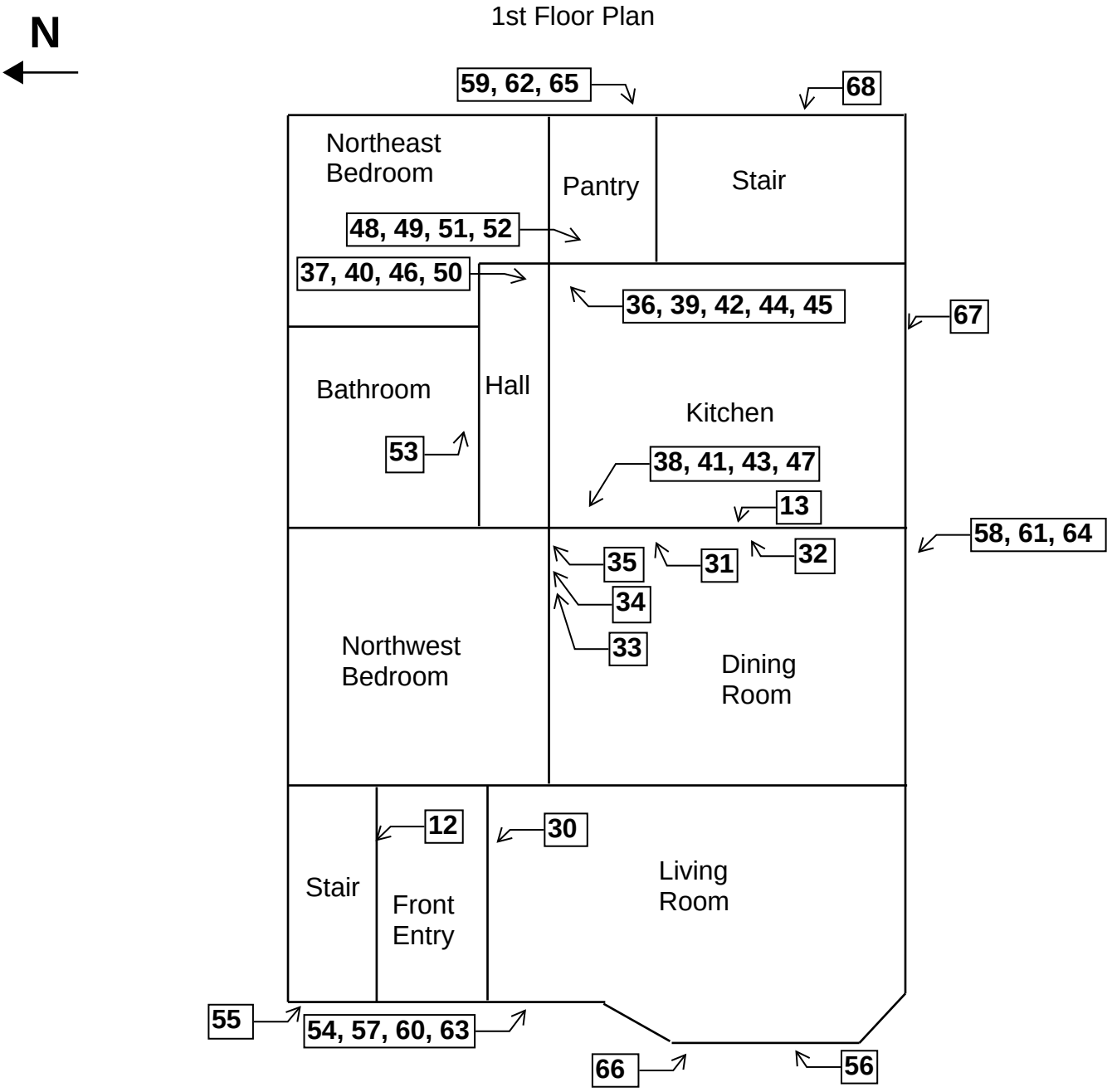
N

Basement Floor Plan



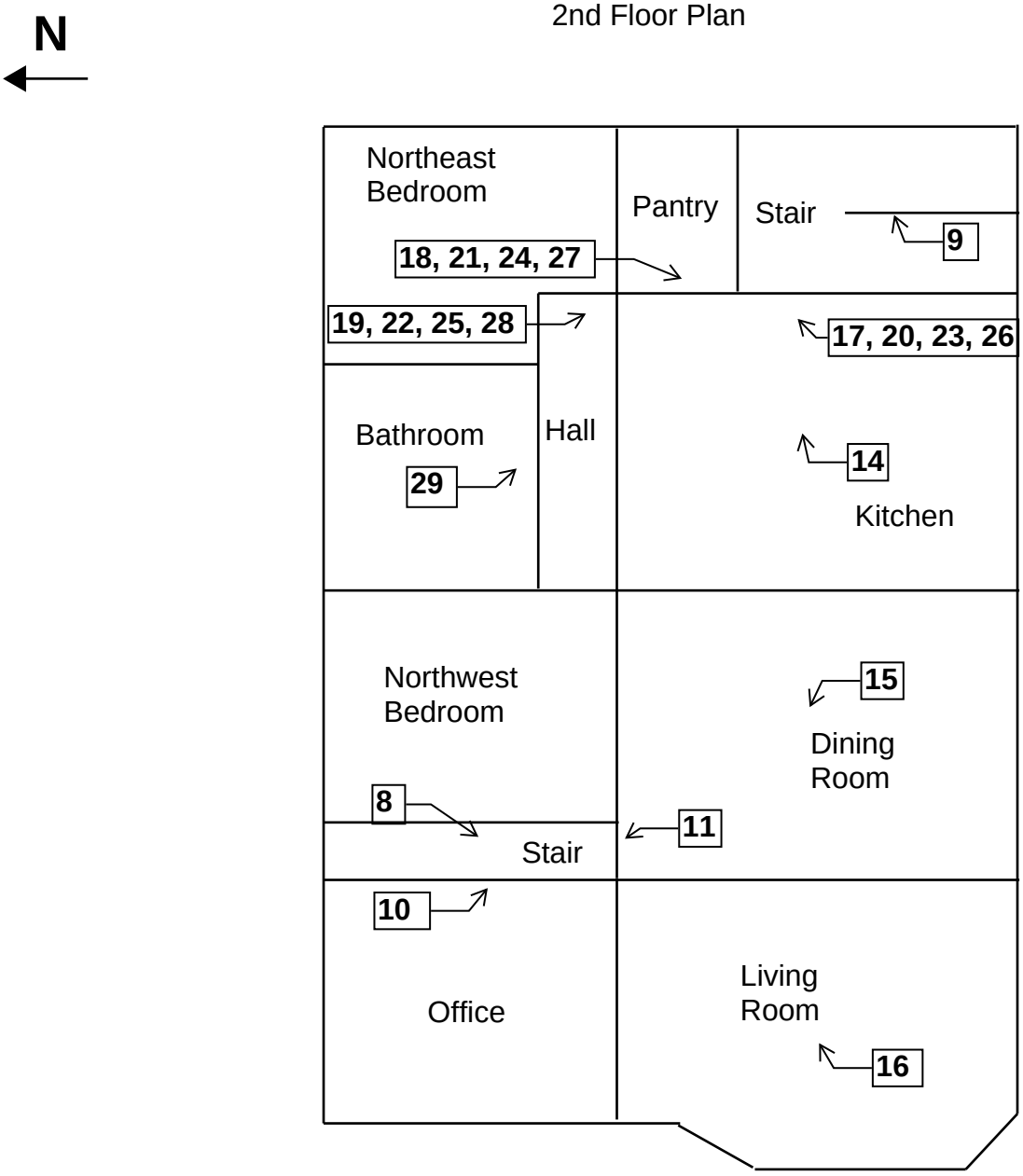
Two Family Dwelling
3248 North 35th Street
Milwaukee, Wisconsin

1st Floor Plan



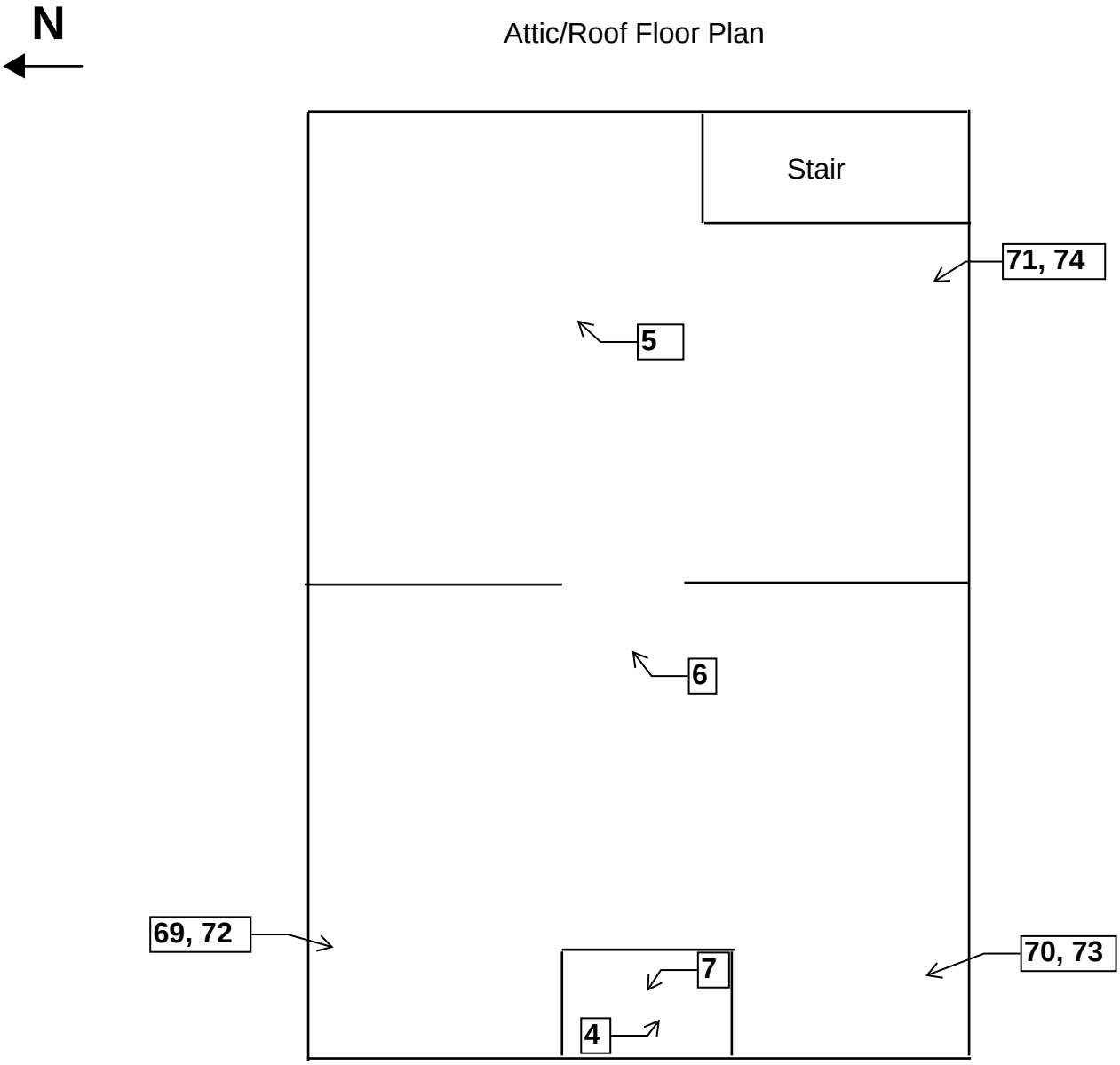
Two Family Dwelling
3248 North 35th Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
3248 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: 07/23/2019
Expiration Date: 08/31/2021, 12:01 a.m.
Certification #: CAP-480540

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

Miriam Hasan

Miriam Hasan, Unit Supervisor

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

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

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

February 5, 2019

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

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

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Dwelling
3313 West Auer 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.: 18-400-024.3313
Inspector: Jazmin Spears
Contract No.: 360-18-0975

Prepared by:

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

November 2018

Signature Page
Deconstruction Inspection Report
One Family Dwelling
3313 West Auer Avenue
Milwaukee, Wisconsin

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

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

November 2, 2018

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

RE: Deconstruction Inspection Report
3313 West Auer Avenue
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3313 West Auer 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 3313 West Auer Avenue, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected in duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 3313 West Auer 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 September 5, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 3313 West Auer Avenue, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII – 111055, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. 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
- Tar paper
- Texture
- Linoleum
- Floor tile
- Flue packing
- Duct wrap
- Blown in insulation
- Plaster
- Glazing compound
- 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 VIII.

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
2	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
3	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
4	Exterior – north wall under wood siding – paper insulation	Negative	MPI
5	Exterior – west wall under wood siding – paper insulation	Negative	MPI
6	Exterior – south wall under wood siding – paper insulation	Negative	MPI
7	Exterior – north wall under 2nd layer wood siding – tar paper	Negative	MPT
8	Exterior – west wall under 2nd layer wood siding – tar paper	Negative	MPT
9	Exterior – south wall under 2nd layer wood siding – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
10	1st floor – living room – on celling center – texture	Negative	STX
11	1st floor – living room – on celling north side – texture	Negative	STX
12	1st floor – dining room – on celling – texture	Negative	STX
13	1st floor – bathroom – tan linoleum	Negative	MFLt
14	1st floor – kitchen north side – brown and white linoleum	Negative	MFLnw
15a	1st floor – kitchen south side – brown and white linoleum	Negative	MFLnw
15b	1st floor – kitchen south side – under brown and white linoleum – yellow mastic	Negative	MFLnw
16a	1st floor – kitchen east side – brown and white linoleum	Negative	MFLnw
16b	1st floor – kitchen east side – under brown and white linoleum – yellow mastic	Negative	MFLnw
17	2nd floor – kitchen – near basement stair top layer – yellow linoleum	Negative	MFLl
18	2nd floor – kitchen – near basement stair bottom layer – 12" white floor tile	Negative	MF12w
19	1st floor – east bedroom under carpet – beige linoleum	Negative	MFLe
20a	1st floor – stair on steps – tan and beige linoleum	Negative	MFLte
20b	1st floor – stair on steps – under tan and beige linoleum – yellow mastic	Negative	MFLte
21	2nd floor – south room closet – 12" brown floor tile	Negative	MF12n
22	Basement – on chimney – flue packing	Negative	TFP
23	**1st floor – living room – on west wall duct – duct wrap**	**Positive 75% Chrysotile**	**TDW**
24	**Basement – on duct seam – duct wrap**	**Positive 75% Chrysotile**	**TDW**
25	**Basement – on duct seam – duct wrap**	**Positive 75% Chrysotile**	**TDW**
26	2nd floor – east crawl space – on floor – blown in insulation	Negative	MBI
27	2nd floor – north room – in north wall – blown in insulation	Negative	MBI
28	2nd floor – west crawl space – on floor – blown in insulation	Negative	MBI
29a	1st floor – living room – south wall – joint compound layer	Negative	SPl
29b	1st floor – living room – south wall – plaster skim coat	Negative	SPl
29c	1st floor – living room – south wall – plaster base coat	Negative	SPl
30a	1st floor – east bedroom – east wall – plaster skim coat	Negative	SPl
30b	1st floor – east bedroom – east wall – plaster base coat	Negative	SPl
31a	2nd floor – north room – north wall – plaster skim coat	Negative	SPl
31b	2nd floor – north room – north wall – plaster base coat	Negative	SPl
32a	2nd floor – south room – south wall – joint compound layer	Negative	SPl
32b	2nd floor – south room – south wall – plaster skim coat	Negative	SPl
32c	2nd floor – south room – south wall – plaster base coat	Negative	SPl
33a	Basement – stair – ceiling – joint compound layer	Negative	SPl
33b	Basement – stair – ceiling – plaster skim coat	Negative	SPl
33c	Basement – stair – ceiling – plaster base coat	Negative	SPl
34	1st floor – kitchen – on west window – glazing compound	Positive 3% Chrysotile	MPG
34	POINT COUNT RESULT	Trace 0.25% Chrysotile	MPG
35	1st floor – porch – on north window – glazing compound	Positive 3% Chrysotile	MPG
35	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
36	Basement – on east window – glazing compound	Positive 3% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
36	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
37	Roof – east center – red asphalt shingle	Negative	MRSr
38	Roof – west side – red asphalt shingle	Negative	MRSr
39	Roof – south side – red asphalt shingle	Negative	MRSr

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
Duct Wrap	TDW	Ducts at 1st Floor Vents, Basement Duct Seams	25 SF	Poor

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MSS	Asphalt Shingle Siding
MPI	Paper Insulation
MPT	Tar Paper
MFLt	Tan Linoleum
MFLnw	Brown & White Linoleum
MFLl	Yellow Linoleum
MFLe	Beige Linoleum
MFLte	Tan & Beige Linoleum
MCLKc	Cream Caulk
MF12w	12” White Floor Tile
MF12n	12” Brown Floor Tile
MBI	Blown in Insulation
MPG	Glazing Compound
MRSr	Red Asphalt Shingle

Homogeneous Material Codes

TFP	Flue Packing
TDW	Duct Wrap

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 3313 West Auer Avenue, Milwaukee, Wisconsin, took place on September 5, 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: 3313 West Auer Avenue, Milwaukee, Wisconsin

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

Exterior: 3313 West Auer Avenue, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 3313 West Auer Avenue, Milwaukee, Wisconsin **Date: 9/5/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
1P	Exterior	North Wall	Brick	Red	<0.00490
2P	Exterior	West Wall	Brick	White	<0.00489
3P	Exterior	South Wall	Brick	Off White	<0.00490
4P	Basement	West Wall	Brick	Beige	0.0259
5P	Basement	South Wall	Brick	White	0.0329
6P	Basement	East Wall	Brick	Off White	0.0296

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

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

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

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

VI. EXCLUSIONS

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

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

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

A limited lead inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the

building and the visible/accessible locations sampled at the date and the time of the onsite inspection.

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 299519
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 09/26/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	01	Homogeneous	Tan Siding	Asbestos Not Present	Cellulose	50	Sand Tar
002	02	Homogeneous	Tan Siding	Asbestos Not Present	Cellulose	50	Sand Tar
003	03	Homogeneous	Tan Siding	Asbestos Not Present	Cellulose	50	Sand Tar
004	04	Homogeneous	Brown/Silver Wrap	Asbestos Not Present	Cellulose	50	Foil
005	05	Homogeneous	Brown/Silver Wrap	Asbestos Not Present	Cellulose	50	Foil
006	06	Homogeneous	Black/Silver Wrap	Asbestos Not Present	Cellulose	50	Foil
007	07	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar

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

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

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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
008	08	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
009	09	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
010	10	Homogeneous	Gray Paint	Asbestos Not Present	NA		Paint
011	11	Homogeneous	Gray Paint	Asbestos Not Present	NA		Paint
012	12	Homogeneous	Gray Paint	Asbestos Not Present	NA		Paint
013	13	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	Gypsum

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

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1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl
015	15	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl
015a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
016	16	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl
016a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
017	17	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	30	CaCO3 Tar
018	18	Homogeneous	White Floor Tile	Asbestos Not Present	NA		Vinyl 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.

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Project Location: Milwaukee, WI
Project Number: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 20	CaCO3 Tar
020	20	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
020a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
021	21	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
022	22	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
023	23	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299519
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 09/26/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024	24	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
025	25	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder
026	26	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber 100	
027	27	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber 100	
028	28	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber 100	
029	29	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
029a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum

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. 299519
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 09/26/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
030	30	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
030a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
031	31	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
031a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
032	32	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum 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. 299519
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 09/26/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum
032b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum CaCO3
033	33	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
033a		Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum CaCO3
033b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum CaCO3
034	34	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3

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. 299519
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 09/26/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
035	35	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile	3	NA	CaCO3
036	36	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile	3	NA	CaCO3

Gayle Ooten, Analyst

9/26/2018
Date of Report

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 299519	
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:	Jazz Spears	Date:	9-5-18

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024. 3313
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Damian Pegowski	9-14-18 4:30pm		KM	9/17/18 9:00am

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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Lab No. 299519
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. 299519
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		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 301361
Account Number: B929
Date Received: 10/29/2018
Received By: Taylor Van Syckle
Date Analyzed: 11/01/2018
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: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	37	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
002	38	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
003	39	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

Cassie Sanborn, Analyst

11/1/2018
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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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 301361	
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:	18-400-024.3313
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	10/26/18 1700	FedEx	[signature]	10/29/18 @ 0950

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	37	X				
2	38	X				
3	39	X				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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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. 301091
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 299519
Project Location: Milwaukee, WI
Project Number: 18-400-024.3313

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	34	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile 0.25 400 Point Count	NA	
002	35	Homogeneous	Cream Window Glazing	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
003	36	Homogeneous	Cream Window Glazing	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.

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 301091
Accept Reject

Contact Information			
Company: Harenda Management Group	Phone: (414) 383-4800	Project Name: DNS	Report Results (☑ one box)
Contact: Dean Jacobsen	Cell Phone:	Project Location: Milwaukee, WI	☑ QuanTEM Website
Account #: B929	E-mail: djacobsen@harenda.com	Project ID: 18-400-024.3313	☐ Other email
SAMPLED BY: Name:	Date:	P.O. Number:	

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	34	☑				QuanTEM Lab No 299519
2	35	☑				
3	36	☑				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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

X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 299570
Date Received: 09/17/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 09/24/18

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.: 18-400-024.3313

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	1P	Paint	Lead	<0.00490	0.0049	%	09/20/18 11:19	P EPA 7000B (1)
002	2P	Paint	Lead	<0.00489	0.00489	%	09/20/18 11:19	P EPA 7000B (1)
003	3P	Paint	Lead	<0.00490	0.0049	%	09/20/18 11:19	P EPA 7000B (1)
004	4P	Paint	Lead	0.0259	0.00492	%	09/20/18 11:19	P EPA 7000B (1)
005	5P	Paint	Lead	0.0329	0.00499	%	09/20/18 11:19	P EPA 7000B (1)
006	6P	Paint	Lead	0.0296	0.005	%	09/20/18 11:19	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

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Lab No. 299570	
Accept	Reject

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024. 3313

Sampled By:	Name: Jazz Spears	Date: 9-5-18

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Damian Rogowski	9-14-18 4:30pm		[illegible]	9-18-18 9:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

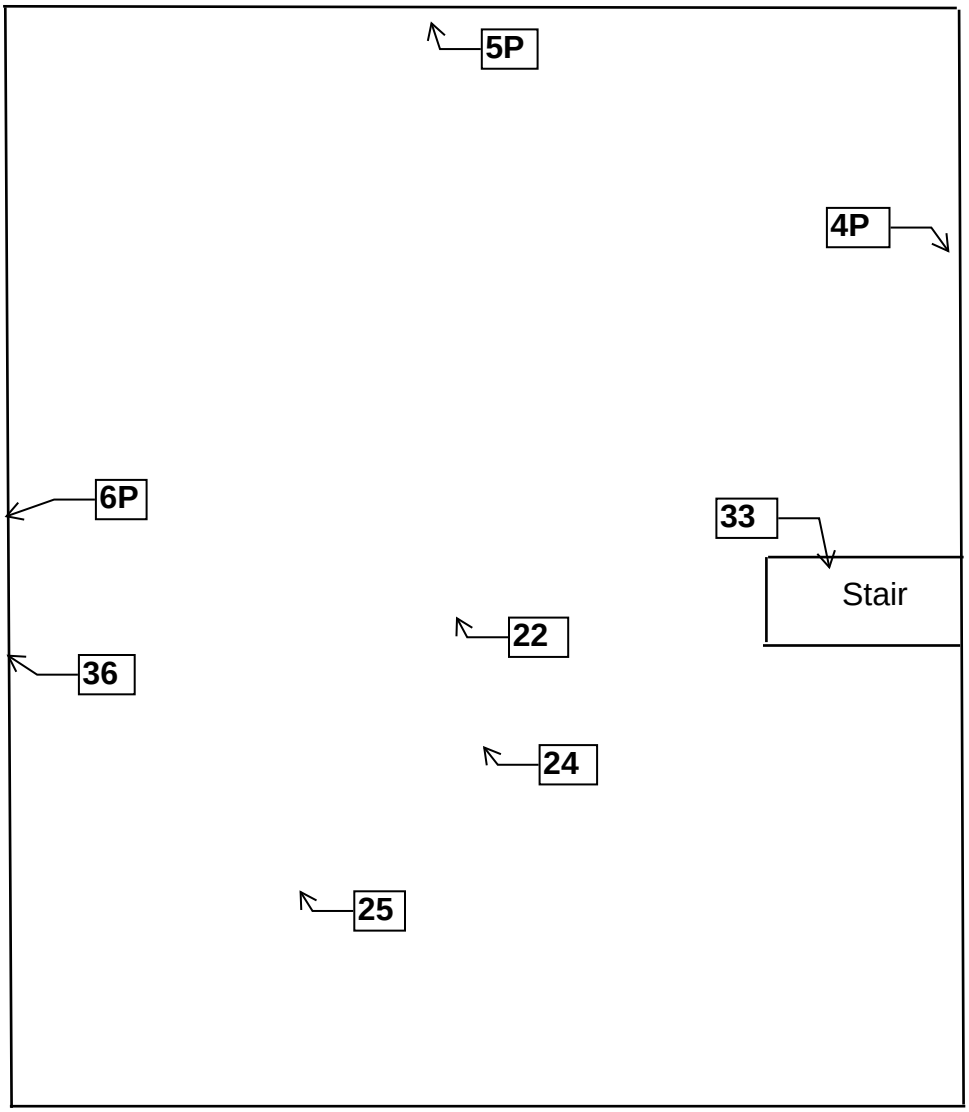
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

One Family Dwelling
3313 West Auer Avenue
Milwaukee, Wisconsin

N

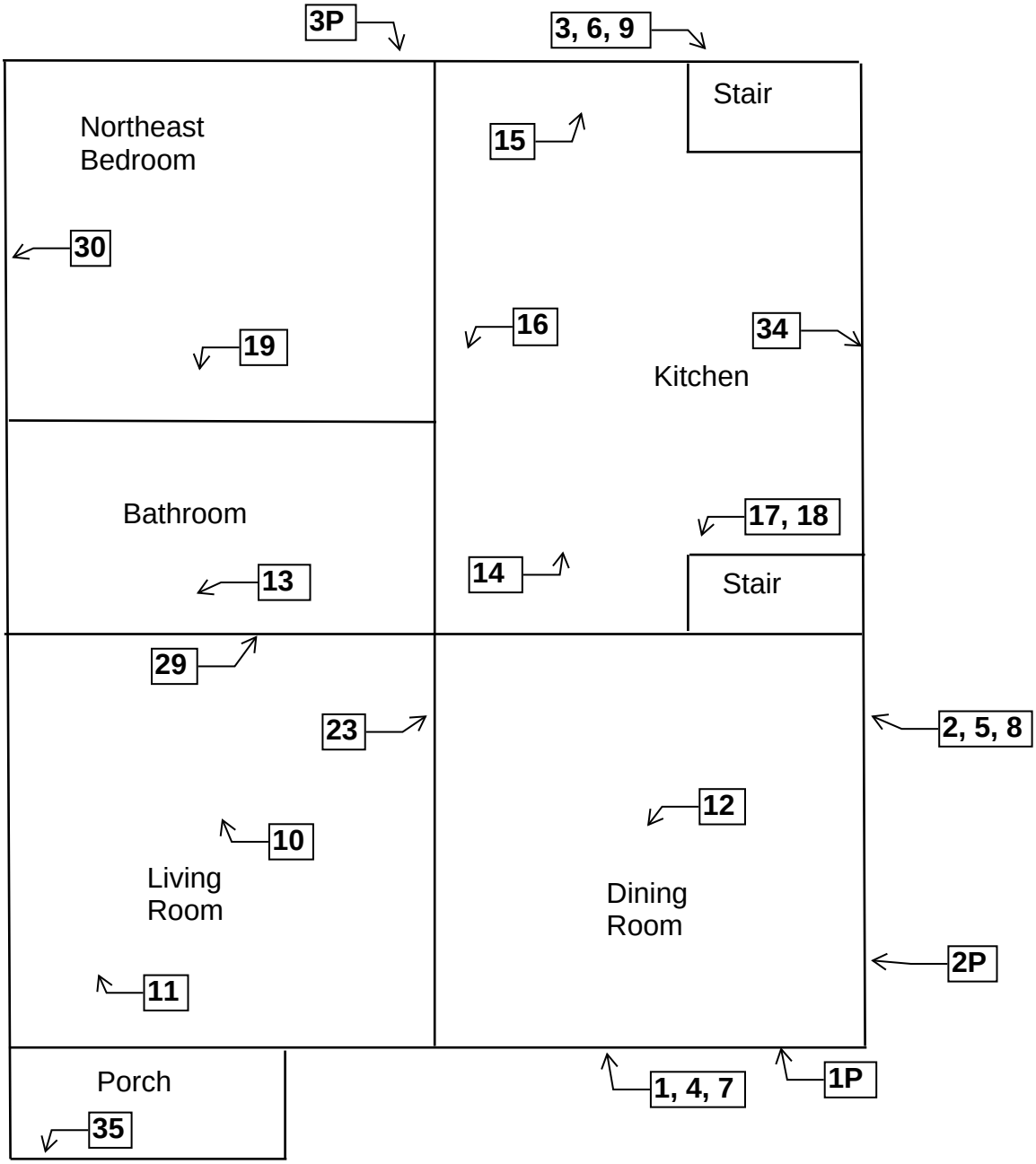
Basement Floor Plan



One Family Dwelling
3313 West Auer Avenue
Milwaukee, Wisconsin

N

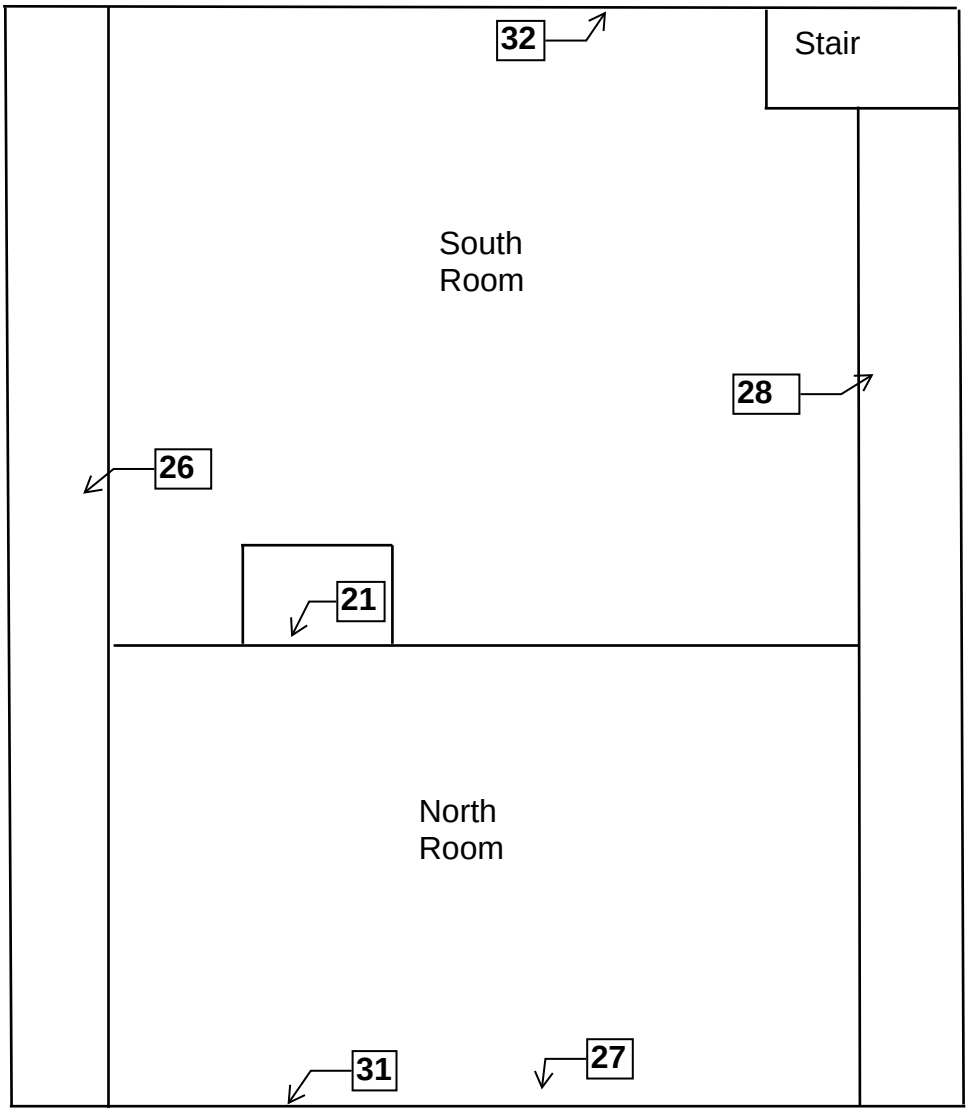
1st Floor Plan



One Family Dwelling
3313 West Auer Avenue
Milwaukee, Wisconsin

N

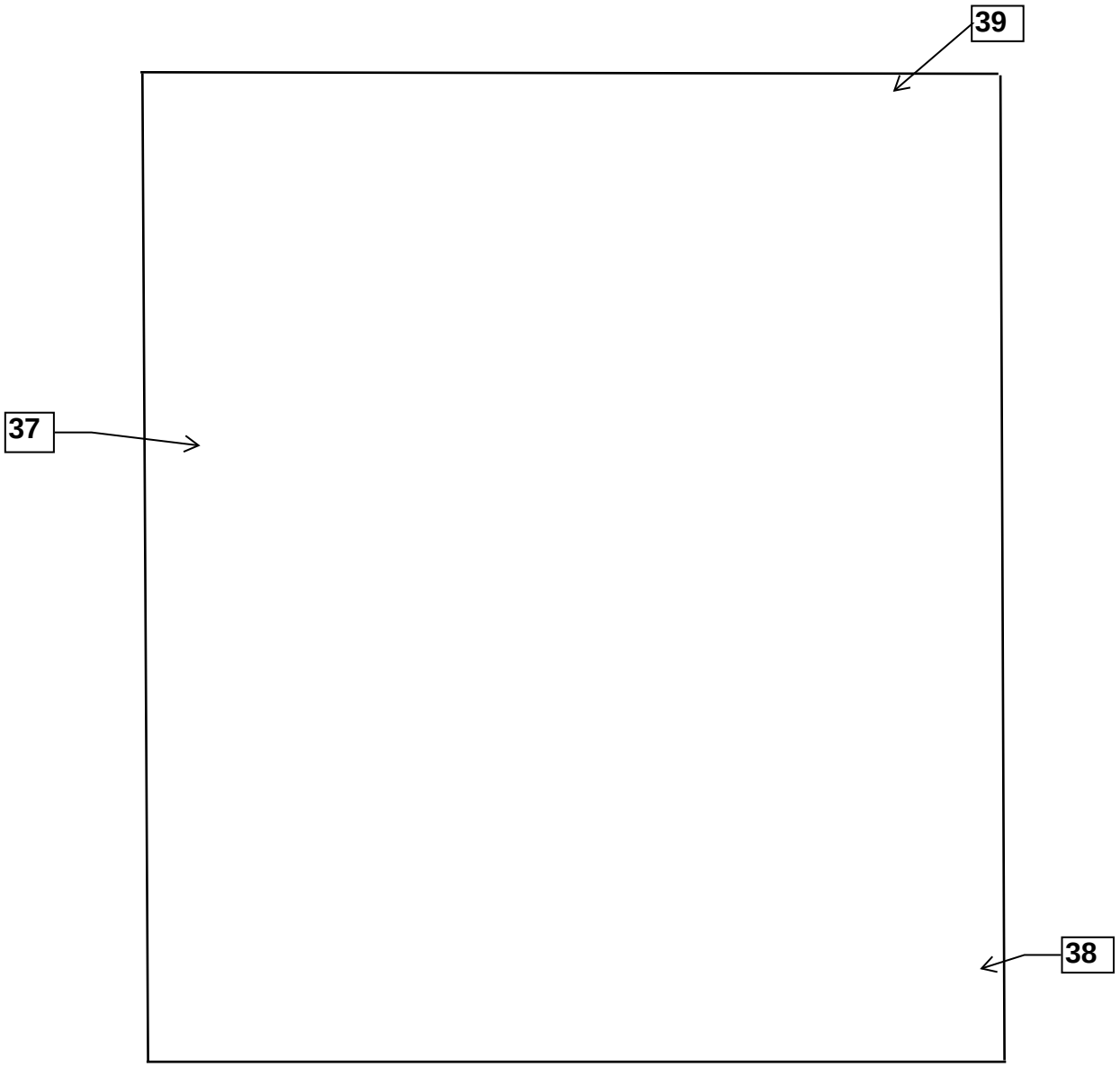
2nd Floor Plan



One Family Dwelling
3313 West Auer Avenue
Milwaukee, Wisconsin

N

Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

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:

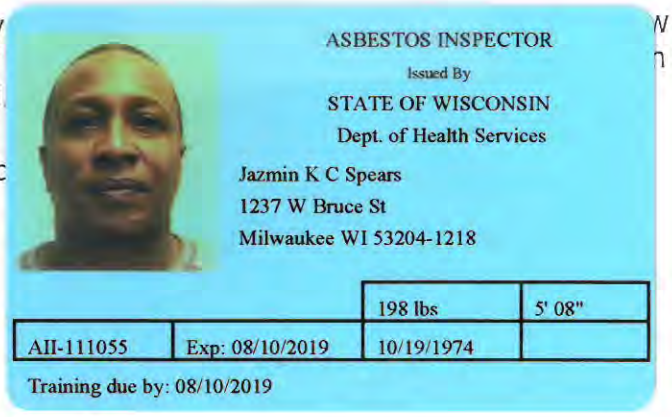
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

Three Family Dwelling
2472-74 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.: 19-400-037.2472-74
Inspector: Damian Rogowski
Contract No.: 360-19-0975

Prepared by:

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

July 2019

Signature Page
Deconstruction Inspection Report
Three Family Dwelling
2472-74 West Burleigh Street
Milwaukee, Wisconsin

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

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

July 11, 2019

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

RE: Deconstruction Inspection Report
2472-74 West Burleigh Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2472-74 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 at 2472-74 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 1st floor and basement duct wrap, basement floor tile and mastic, and in 1st, 2nd, and 3rd floor linoleums sampled during the inspection. Asbestos was detected at less than 1% in basement stair floor tile. Asbestos was assumed to be tin the roof flashing at the chimney. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the three family dwelling at 2472-74 West Burleigh Street, Milwaukee, Wisconsin. The dwelling is a three story wood framed structure with basement. The house has aluminum and wood walls with asphalt roofing.

II. ASBESTOS INSPECTION

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

On June 28, 2019, HMG conducted an asbestos inspection and lead inspection of a three family dwelling, scheduled for deconstruction, located at 2472-74 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:

- Plaster
- Floor tile
- Duct wrap
- Ceramic tile
- Linoleum
- Wall paper
- Window glazing compound
- Flue packing
- Drywall/joint compound
- Texture
- Asphalt roofing
- Paper insulation

- Blown in 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. ASBESTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASBESTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1a	1st floor – front entry – west wall – plaster	Negative	SPl
1b	1st floor – front entry – west wall – joint compound layer	Negative	SPl
2a	1st floor – kitchen – east wall – plaster	Negative	SPl
2b	1st floor – kitchen – east wall – joint compound layer	Negative	SPl
3a	1st floor – rear stair – west wall – plaster	Negative	SPl
3b	1st floor – rear stair – west wall – joint compound layer	Negative	SPl
4a	2nd floor – south bedroom – south wall – plaster	Negative	SPl
4b	2nd floor – south bedroom – south wall – joint compound layer	Negative	SPl
5a	2nd floor – kitchen – north wall – plaster	Negative	SPl
5b	2nd floor – kitchen – north wall – joint compound layer	Negative	SPl
6a	1st floor – front entry – 12” tan floor tile	Negative	MF12t

Sample #	Location and Description	Results	Homogeneous Code
6b	1st floor – front entry – under 12” tan floor tile – tan mastic	Negative	MF12t
7	**1st floor – living room – on north wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
8	**Basement – on north duct – duct wrap**	**Positive 60% Chrysotile, 2% Crocidolite**	**TDW**
9	**Basement – on center duct – duct wrap**	**Positive 60% Chrysotile, 2% Crocidolite**	**TDW**
10a	1st floor – southwest closet – 12” tan and gray floor tile	Negative	MF12ty
10b	1st floor – southwest closet – under 12” tan and gray floor tile – tan mastic	Negative	MF12ty
11a	1st floor – kitchen – on south wall – yellow ceramic tile	Negative	MCTMl
11b	1st floor – kitchen – on south wall – under yellow ceramic tile – tan mastic	Negative	MCTMl
12	1st floor – kitchen – on west wall – brown mastic	Negative	MWMn
13a	1st floor – kitchen top layer – 12” tan/brown/gray floor tile	Negative	MF12tny
13b	1st floor – kitchen top layer – under 12” tan/brown/gray floor tile – tan mastic	Negative	MF12tny
14a	1st floor – kitchen 3rd layer – brown linoleum	Negative	MFLn
14b	1st floor – kitchen 3rd layer – under brown linoleum – tan mastic	Negative	MFLn
15	1st floor – kitchen 4th layer – black linoleum	Negative	MFLk
16a	1st floor – hall top layer – 12” tan/brown/gray floor tile	Negative	MF12tny
16b	1st floor – hall top layer – under 12” tan/brown/gray floor tile – tan mastic	Negative	MF12tny
17a	1st floor – bathroom top layer – 12” tan/brown/gray floor tile	Negative	MF12tny
17b	1st floor – bathroom top layer – under 12” tan/brown/gray floor tile – tan mastic	Negative	MF12tny
18	**1st floor – hall 3rd layer – tan linoleum**	**Positive 60% Chrysotile**	**MFLt**
19a	1st floor – bathroom – on south wall – white and gray ceramic tile	Negative	MCTMwy
19b	1st floor – bathroom – on south wall – grout	Negative	MCTMwy
20a	1st floor – bathroom – 5th layer – tan and brown linoleum	Negative	MFLtn
20b	1st floor – bathroom – 5th layer – under tan and brown linoleum – tan mastic	Negative	MFLtn
21	1st floor – north bedroom – on east wall – wall paper	Negative	MWP
22	1st floor – north bedroom – on south wall – wall paper	Negative	MWP
23	1st floor – north bedroom – on west wall – wall paper	Negative	MWP
24	1st floor – north bedroom – on east wall – tan mastic	Negative	MWMt
25a	1st floor – pantry 2nd layer – 9” brown floor tile	Negative	MF9n
25b	1st floor – pantry 2nd layer – under 9” brown floor tile – tan mastic	Negative	MF9n
25c	1st floor – pantry 2nd layer – under tan mastic – beige paper insulation	Negative	MPIe
26	1st floor – bathroom – on west window – glazing compound	Negative	MPG
27	Basement – on east window – glazing compound	Negative	MPG
28	2nd floor – kitchen – on east window – glazing compound	Negative	MPG
29a	Basement – stair – on middle landing – 9” tan/brown/beige floor tile	Positive 2% Chrysotile	MF9tne
29a	POINT COUNT RESULT	Trace 0.75% Chrysotile	MF9tne

Sample #	Location and Description	Results	Homogeneous Code
29b	Basement – stair – on middle landing – under 9” tan/brown/ beige floor tile – tan mastic	Negative	MF9tne
30	Basement – on chimney – flue packing	Negative	TFP
31a	**Basement – southeast – 9” brown and tan floor tile**	**Positive 2% Chrysotile**	**MF9nt**
31b	**Basement – southeast – under 9” brown and tan floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9nt**
32a	**Basement – south center – 9” brown and tan floor tile**	**Positive 2% Chrysotile**	**MF9nt**
32b	**Basement – south center – under 9” brown and tan floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9nt**
33a	**Basement – southwest – 9” brown and tan floor tile**	**Positive 2% Chrysotile**	**MF9nt**
33b	**Basement – southwest – under 9” brown and tan floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9nt**
34a	Basement – south center wall – drywall	Negative	MDW
34b	Basement – south center wall – joint compound	Negative	MDW
35a	2nd floor – bathroom – south wall – drywall	Negative	MDW
35b	2nd floor – bathroom – south wall – joint compound	Negative	MDW
36a	3rd floor – stair – south wall – drywall	Negative	MDW
36b	3rd floor – stair – south wall – joint compound	Negative	MDW
37a	1st floor – rear stair landing – 9” tan floor tile	Negative	MF9t
37b	1st floor – rear stair landing – under 9” tan floor tile – tan mastic	Negative	MF9t
38a	2nd floor – rear stair landing – 9” red floor tile	Negative	MF9r
38b	2nd floor – rear stair landing – under 9” red floor tile – brown mastic	Negative	MF9r
39	2nd floor – living room – on ceiling – texture	Negative	STX
40	2nd floor – dining room – on ceiling – texture	Negative	STX
41	2nd floor – kitchen – on ceiling – texture	Negative	STX
42a	2nd floor – kitchen floor – beige ceramic tile	Negative	MCTMe
42b	2nd floor – kitchen floor – grout	Negative	MCTMe
42c	2nd floor – kitchen floor – under beige ceramic tile – mortar	Negative	MCTMe
43a	2nd floor – hall floor – beige ceramic tile	Negative	MCTMe
43b	2nd floor – hall floor – grout	Negative	MCTMe
43c	2nd floor – hall floor – under beige ceramic tile – mortar	Negative	MCTMe
44a	2nd floor – bathroom floor top layer – beige ceramic tile	Negative	MCTMe
44b	2nd floor – bathroom floor top layer – grout	Negative	MCTMe
44c	2nd floor – bathroom floor top layer – under beige ceramic tile – mortar	Negative	MCTMe
45a	2nd floor – bathroom – on south wall – pink and white ceramic tile	Negative	MCTMpw
45b	2nd floor – bathroom – on south wall – grout	Negative	MCTMpw
45c	2nd floor – bathroom – on south wall – under pink and white ceramic tile – mortar	Negative	MCTMpw
46a	**2nd floor – bathroom floor 2nd layer – gold linoleum**	**Positive 20% Chrysotile**	**MFLd**
46b	2nd floor – bathroom floor 2nd layer – under gold linoleum – tan mastic	Negative	MFLd
47a	2nd floor – north bedroom – under carpet – 12” beige floor tile	Negative	MF12e
47b	2nd floor – north bedroom – under 12” beige floor tile – tan mastic	Negative	MF12e

Sample #	Location and Description	Results	Homogeneous Code
48a	**3rd floor – kitchen – white and tan linoleum**	**Positive 20% Chrysotile**	**MFLwt**
48b	3rd floor – kitchen – under white and tan linoleum – tan mastic	Negative	MFLwt
49a	3rd floor – northwest closet – 12” white and blue floor tile	Negative	MF12wb
49b	3rd floor – northwest closet – under 12” white and blue floor tile – tan mastic	Negative	MF12wb
50a	**3rd floor – bathroom – white and beige linoleum**	**Positive 20% Chrysotile**	**MFLwe**
50b	3rd floor – bathroom – under white and beige linoleum – tan mastic	Negative	MFLwe
51	3rd floor – bathroom – on west wall under panel – tan mastic	Negative	MPMt
52a	3rd floor – southeast closet – northwest corner – 12” pink and tan floor tile	Negative	MF12pt
52b	3rd floor – southeast closet – northwest corner – under 12” pink and tan floor tile – tan mastic	Negative	MF12pt
53a	3rd floor – southeast closet – southeast corner – 12” brown and white floor tile	Negative	MF12nw
53b	3rd floor – southeast closet – southeast corner – under 12” brown and white floor tile – tan mastic	Negative	MF12nw
54	Roof – northwest top layer – green asphalt shingle	Negative	MRSg
55	Roof – southeast top layer – green asphalt shingle	Negative	MRSg
56	Roof – northeast top layer – green asphalt shingle	Negative	MRSg
57	Roof – northwest 2nd layer – black asphalt shingle	Negative	MRSk
58	Roof – southeast 2nd layer – black asphalt shingle	Negative	MRSk
59	Roof – northeast 2nd layer – black asphalt shingle	Negative	MRSk
60	Exterior – northeast wall under aluminum siding – silver paper insulation	Negative	MPIs
61	Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
62	Exterior – southeast wall under aluminum siding – silver paper insulation	Negative	MPIs
63	Exterior – northeast wall under wood siding – red paper insulation	Negative	MPIr
64	Exterior – west wall under wood siding – red paper insulation	Negative	MPIr
65	Exterior – southeast wall under wood siding – red paper insulation	Negative	MPIr
66	Exterior – in northeast wall – blown in insulation	Negative	MBI
67	Exterior – in west wall – blown in insulation	Negative	MBI
68	Exterior – in southeast wall – blown in insulation	Negative	MBI

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
Duct Wrap	TDW	Ducts in 1st Floor Walls, Basement Ducts	150 SF	Friable
Tan Linoleum	MFLt	1st Floor Hall 3rd Layer, Under 1st Layer Plywood	20 SF	Friable
Gold Linoleum	MFLd	2nd Floor Bathroom Under Ceramic Tile	80 SF	Friable

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
White & Tan Linoleum	MFLwt	3rd Floor Kitchen	160 SF	Friable
White & Beige Linoleum	MFLwe	3rd Floor Bathroom	60 SF	Friable
9" Brown & Tan Floor Tile & Black Mastic	MF9nt	Basement South Side	230 SF	Category I Non-Friable

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

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
9" Tan/Brown/Beige Floor Tile	MF9tne	Basement Stair Middle Landing	20 SF	Category I Non-Friable

Assumed Asbestos Containing Materials

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

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

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

Note#2: The 9" tan/brown/beige floor tile contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM. The contractor must follow U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

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

HMG recommends that the 9" tan/brown/beige floor tile be removed by a Wisconsin certified asbestos company, as necessary, as part of the deconstruction project.

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MF12t	12" Tan Floor Tile
MF12ty	12" Tan & Gray Floor Tile
MF12tny	12" Tan/Brown/Gray Floor Tile

Homogeneous Material Codes

MF12tn	12” Tan & brown Floor Tile
MF12e	12” Beige Floor Tile
MF12wb	12” White & Blue Floor Tile
MF12pt	12” Pink & Tan Floor Tile
MF12nw	12” Brown & White Floor Tile
MF9n	9” Brown Floor Tile
MF9tne	9” Tan/Brown/Beige Floor Tile
MF9nt	9” Brown & Tan Floor Tile
MF9t	9” Tan Floor Tile
MF9r	9” Red Floor Tile
MCTMl	Yellow Ceramic Tile
MCTMwy	White & Gray Ceramic Tile
MCTMe	Beige Ceramic Tile
MCTMpw	Pink & White Ceramic Tile
MWMn	Brown Wall Mastic
MWMt	Tan Wall Mastic
MFLn	Brown Linoleum
MFLk	Black Linoleum
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MFLd	Gold Linoleum
MFLwt	White & Tan Linoleum
MFLwe	White & Beige Linoleum
MWP	Wall Paper
MPG	Window Glazing Compound
MDW	Drywall/Joint Compound
MPMt	Tan Wall Panel Mastic
MRSg	Green Asphalt Shingle
MRSk	Black Asphalt Shingle
MPIe	Beige Paper Insulation
MPIs	Silver Paper Insulation
MPIr	Red Paper Insulation
MBI	Blown in Insulation
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2472-74 West Burleigh Street, Milwaukee, Wisconsin, took place on June 28, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted

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

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

B. Component Testing Results

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

Interior: 2472-74 West Burleigh Street, Milwaukee, Wisconsin

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

Exterior: 2472-74 West Burleigh Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2472-74 West Burleigh Street, Milwaukee, Wisconsin Date: 6/28/19

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Basement	North Wall	Block	White	0.0135

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

4	Fluorescent Lights – 2nd Floor Bathroom, 3rd Floor Kitchen
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

1	Old Thermostats – 1st Floor Living Room
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 – 3 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 where PCBs may be found:

N/A	Transformers
N/A	Capacitors (appliances, electronic equipment)
N/A	Heat Transfer Equipment
2	Ballasts – 2nd Floor Bathroom, 3rd Floor Kitchen
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

* 3 Gas Meters in Basement

IX. ASBESTOS LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Order #: 324015

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-001	06/28/19	1	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-002	06/28/19	2	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-003	06/28/19	3	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-004	06/28/19	4	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-005	06/28/19	5	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Textured Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-006	06/28/19	6	Wisconsin		
Layer 1: Floor Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-007	06/28/19	7	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
324015-008	06/28/19	8	Wisconsin		
Layer 1: Insulation Beige, Fibrous				60% AMOSITE 2% CROCIDOLITE	13% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
324015-009	06/28/19	9	Wisconsin		
Layer 1: Insulation Beige, Fibrous				60% AMOSITE 2% CROCIDOLITE	13% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
324015-010	06/28/19	10	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-011	06/28/19	11	Wisconsin		
Layer 1: Flooring Yellow, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-012	06/28/19	12	Wisconsin		
Layer 1: Textured Material Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
324015-013	06/28/19	13	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-014	06/28/19	14	Wisconsin		
Layer 1: Flooring Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-015	06/28/19	15	Wisconsin		
Layer 1: Fibrous Material Beige/Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-016	06/28/19	16	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-017	06/28/19	17	Wisconsin		
Layer 1: Flooring Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-018	06/28/19	18	Wisconsin		
Layer 1: Insulation Tan, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
324015-019	06/28/19	19	Wisconsin			
Layer 1: Ceramic Tile Brick, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material White, Hard				None Detected	100%	NON FIBROUS MATERIAL
324015-020	06/28/19	20	Wisconsin			
Layer 1: Flooring Beige/Black, Org.Bound/Fibrous				None Detected	35% 15% 50%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.						
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
324015-021	06/28/19	21	Wisconsin			
Layer 1: Textured Material Beige, Brittle				None Detected	100%	NON FIBROUS MATERIAL
324015-022	06/28/19	22	Wisconsin			
Layer 1: Textured Material Beige, Brittle				None Detected	100%	NON FIBROUS MATERIAL
324015-023	06/28/19	23	Wisconsin			
Layer 1: Textured Material Beige, Brittle				None Detected	100%	NON FIBROUS MATERIAL
324015-024	06/28/19	24	Wisconsin			
Layer 1: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
324015-025	06/28/19	25	Wisconsin			
Layer 1: Flooring Beige, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Fibrous Material Beige/Black, Fibrous				None Detected	65% 15% 20%	CELLULOSE FIBER MINERAL/GLASS WOOL NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-026	06/28/19	26	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-027	06/28/19	27	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-028	06/28/19	28	Wisconsin		
Layer 1: Granular Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-029	06/28/19	29	Wisconsin		
Layer 1: Flooring Brown/Black, Org.Bound/Fibrous				2% CHRYSOTILE	35% CELLULOSE FIBER 13% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-030	06/28/19	30	Wisconsin		
Layer 1: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
324015-031	06/28/19	31	Wisconsin		
Layer 1: Floor Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
324015-032	06/28/19	32	Wisconsin		
Layer 1: Floor Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-033	06/28/19	33	Wisconsin		
Layer 1: Floor Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
324015-034	06/28/19	34	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-035	06/28/19	35	Wisconsin		
Layer 1: Drywall White, Powdery One Layer Found.				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
324015-036	06/28/19	36	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
324015-037	06/28/19	37	Wisconsin		
Layer 1: Flooring Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-038	06/28/19	38	Wisconsin		
Layer 1: Flooring Red, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
324015-039	06/28/19	39	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
324015-040	06/28/19	40	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
324015-041	06/28/19	41	Wisconsin			
Layer 1: Granular Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
324015-042	06/28/19	42	Wisconsin			
Layer 1: Ceramic Tile Brown, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Hard Material White, Hard				None Detected	100%	NON FIBROUS MATERIAL
324015-043	06/28/19	43	Wisconsin			
Layer 1: Ceramic Tile Brown, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Hard Material White, Hard				None Detected	100%	NON FIBROUS MATERIAL
324015-044	06/28/19	44	Wisconsin			
Layer 1: Ceramic Tile Brown, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 3: Hard Material White, 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: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-045	06/28/19	45	Wisconsin		
Layer 1: Ceramic Tile Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Hard Material White, Hard				None Detected	100% NON FIBROUS MATERIAL
324015-046	06/28/19	46	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-047	06/28/19	47	Wisconsin		
Layer 1: Floor Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-048	06/28/19	48	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-049	06/28/19	49	Wisconsin		
Layer 1: Flooring Cream, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

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PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-050	06/28/19	50	Wisconsin		
Layer 1: Flooring Beige, Org.Bound/Fibrous				20% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-051	06/28/19	51	Wisconsin		
Layer 1: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-052	06/28/19	52	Wisconsin		
Layer 1: Flooring White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-053	06/28/19	53	Wisconsin		
Layer 1: Flooring White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
324015-054	06/28/19	54	Wisconsin		
Layer 1: Shingle Black/Green, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
324015-055	06/28/19	55	Wisconsin		
Layer 1: Shingle Black/Green, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
324015-056	06/28/19	56	Wisconsin		
Layer 1: Shingle Black/Green, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-057	06/28/19	57	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
324015-058	06/28/19	58	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
324015-059	06/28/19	59	Wisconsin		
Layer 1: Shingle Black, Bituminous/Granular				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
324015-060	06/28/19	60	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-061	06/28/19	61	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-062	06/28/19	62	Wisconsin		
Layer 1: Fibrous Material Beige/Silver, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-063	06/28/19	63	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-064	06/28/19	64	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-065	06/28/19	65	Wisconsin		
Layer 1: Paper Brown, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
324015-066	06/28/19	66	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-037.2472

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324015-067	06/28/19	67	Wisconsin		
Layer 1: Insulation				None Detected	65% CELLULOSE FIBER
Beige, Fibrous					15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
324015-068	06/28/19	68	Wisconsin		
Layer 1: Insulation				None Detected	65% CELLULOSE FIBER
Beige, Fibrous					15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 107

324015-07/08/19 04:46 PM

Analyst **Mohammed Hashim**

Reviewed By: **Jada Wilson**
Analyst

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

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www.slabinc.com • info@slabinc.com

324015 X 68
V:\324\324015
fghraizi 7/2/2019 10:01:48 AM
UPS 1Z2E2899846 2717045

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	19-400-037.2472				
Collected By					

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

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1	6/28/19								
2									
3									
4									
5									
6									
7									
8									
9									
10									

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

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

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/1/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2472				
Collected By					

Turn Around Time **

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

* not available for all tests

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

Please schedule rush tests in advance

Matrix

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

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

Asbestos in Bulk

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

Metals Total

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

TCLP

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

Microbiology

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

Sub-Contract

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

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Gravimetric

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

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11	6/28/19								
12									
13									
14									
15									
16									
17									
18									
19									
20									

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/1/19 1700

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2472				
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	6/28/19								
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 7/1/19 12:00

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Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2472				
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	6/28/19								
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 7/1/19 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	19-400-037.2472				
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	6/18/19								
42									
43									
44									
45									
46									
47									
48									
49									
50									

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

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

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/1/19 1200

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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	19-400-037.2472				
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]
51	6/28/19								
52	↓								
53									
54									
55									
56									
57									
58									
59									
60	↓								

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 7/1/19 10:00

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www.slabinc.com • info@slabinc.com

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2472				
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]
61	6/28/19								
62									
63									
64									
65									
66									
67									
68									

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 7/1/19 1200

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Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Order #: 324948

Received 07/10/19
Analyzed 07/10/19
Reported 07/11/19

Project:
Location: Wisconsin
Number: 19-400-037.2472

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

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
324948-001	06/28/19		Wisconsin		
Layer 1:	Flooring			0.75% CHRYSOTILE	13.25% CELLULOSE FIBER
Brown/Black, Org.Bound/Fibrous, Homogenous					86.00% NON FIBROUS MATERIAL

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

324948-07/11/19 07:35 AM

Analyst **Mohammed Hashim**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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

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UPS

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions: Order #: 324015			
Project Number	19-400-037.2472				
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	Metals Total	TCLP	Microbiology
☐ PLM	☐ Lead	☐ Lead	☐ BACT (MPN/PA)
☐ PLM Qualitative	☐ RCRA 8 Metals	☐ RCRA 8 Metals	☐ Mold Direct Exam
☒ 400 Point Count	☐ Chromium VI	☐ Full TCLP (w/ organics 10 Day)	☐ Allergens
☐ 1000 Point Count	☐ Mercury		**Sub-Contract**
☐ Gravimetric Prep	☐ _____		☐ TEM Chatfield
Asbestos in Air	**Gravimetric**	**Miscellaneous**	☐ TEM AHERA
☐ PCM	☐ Total Dust NIOSH 0500	☐ Silica FTIR (7602)	☐ TEM 7402
☐ PCM-B Rules	☐ Resp. Dust NIOSH 0600	☐ _____	☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
29	6/28/19		Flooring						

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 7/10/19 725

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2472

Order #: 324013

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

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
324013-001	P01	Wisconsin	06/28/19	310 mg			
Lead		EPA 7000B		42.0 µg	0.0135 %	135 mg/kg	32.3 mg/kg

Analyst: MKS
324013-07/02/19 04:18 PM

Reviewed By: **Sultan Al-Johani**
Analyst

Federal Lead Paint Statute

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

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

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fghraizi 7/2/2019 10:01:48 AM
UPS 1Z2E2899846 2717045

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	19-400-037.2472				
Collected By					

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

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
P01	6/28/19								

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]

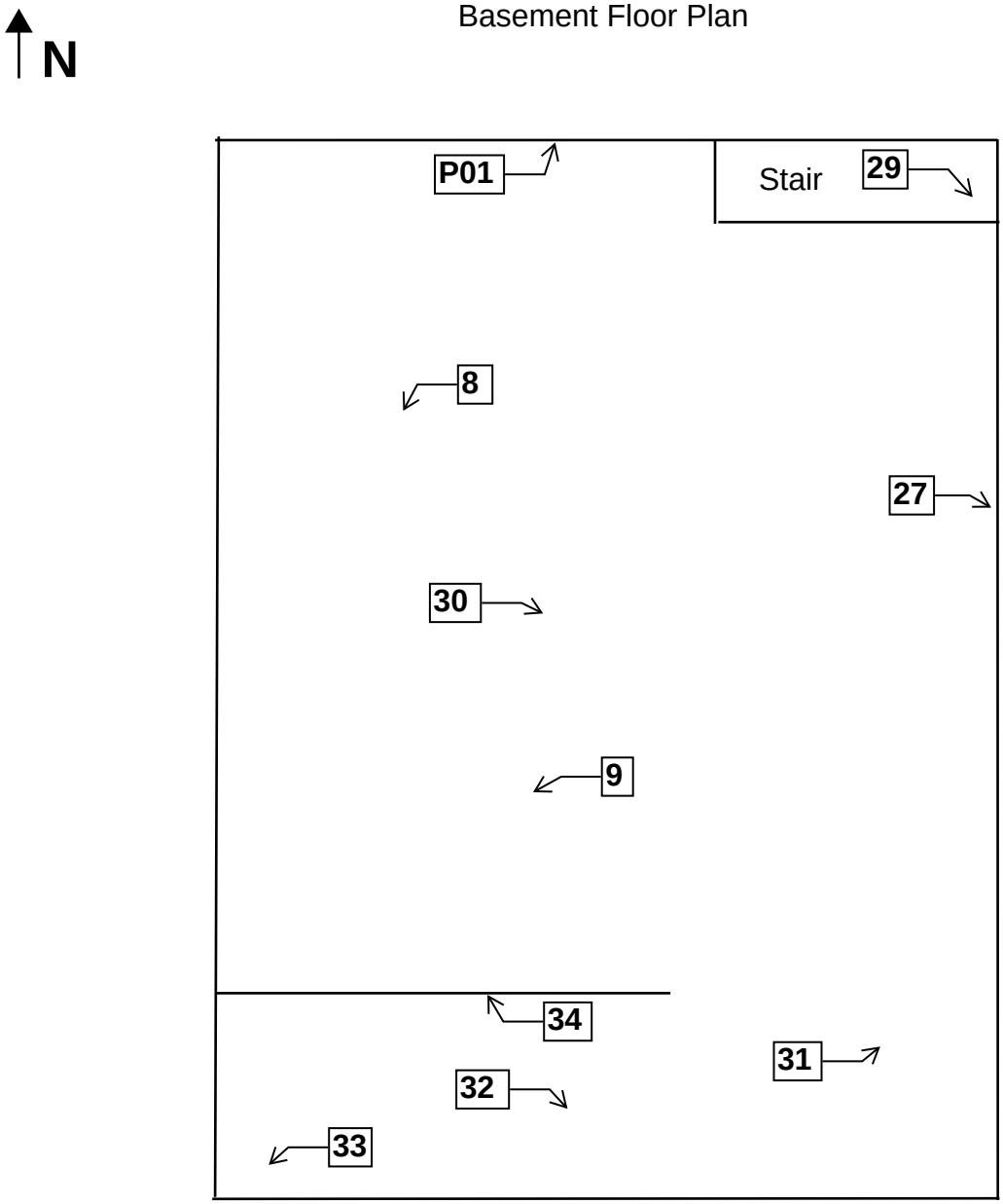
Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/1/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

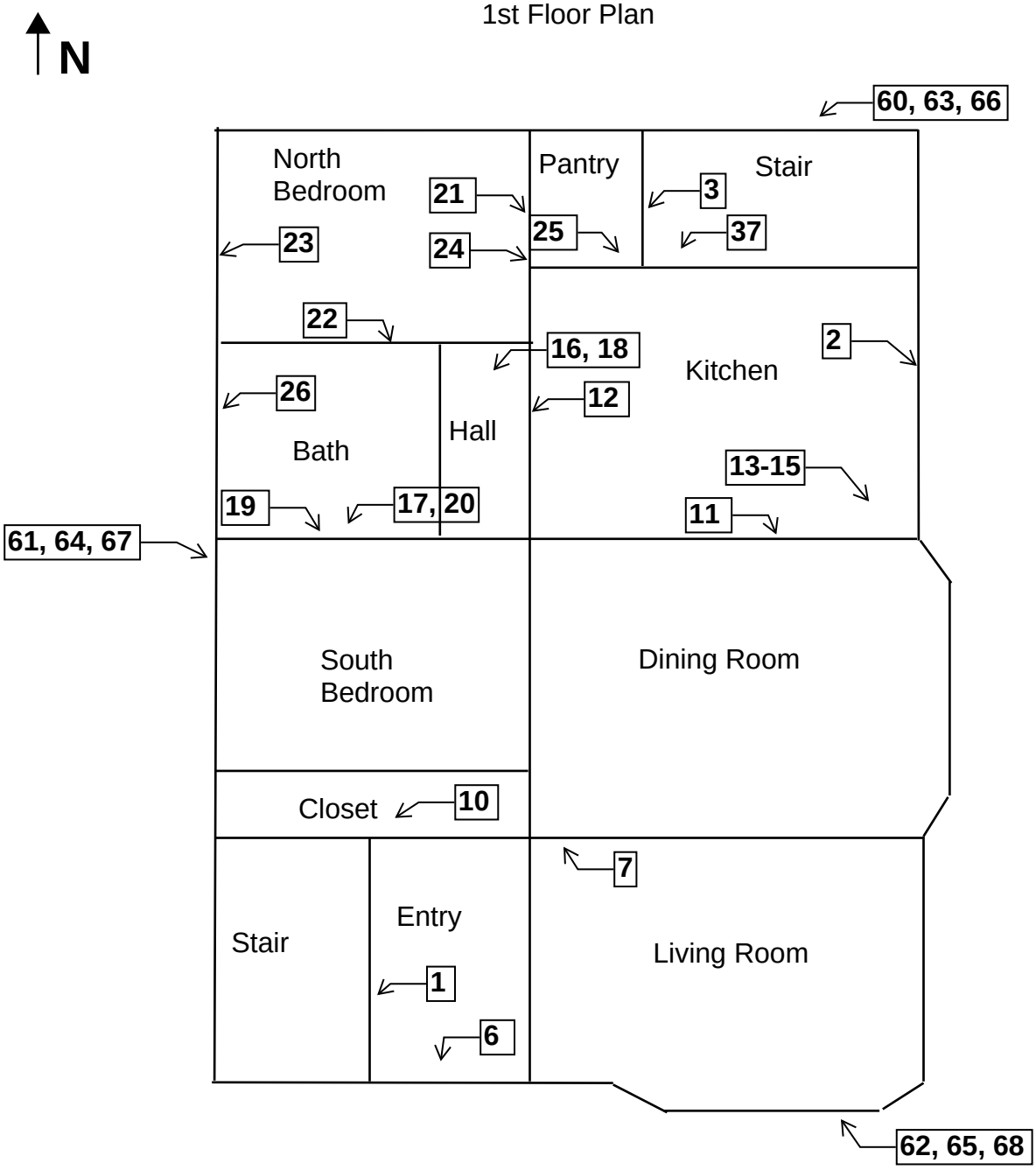
Three Family Dwelling
2472-74 West Burleigh Street
Milwaukee, Wisconsin

Basement Floor Plan



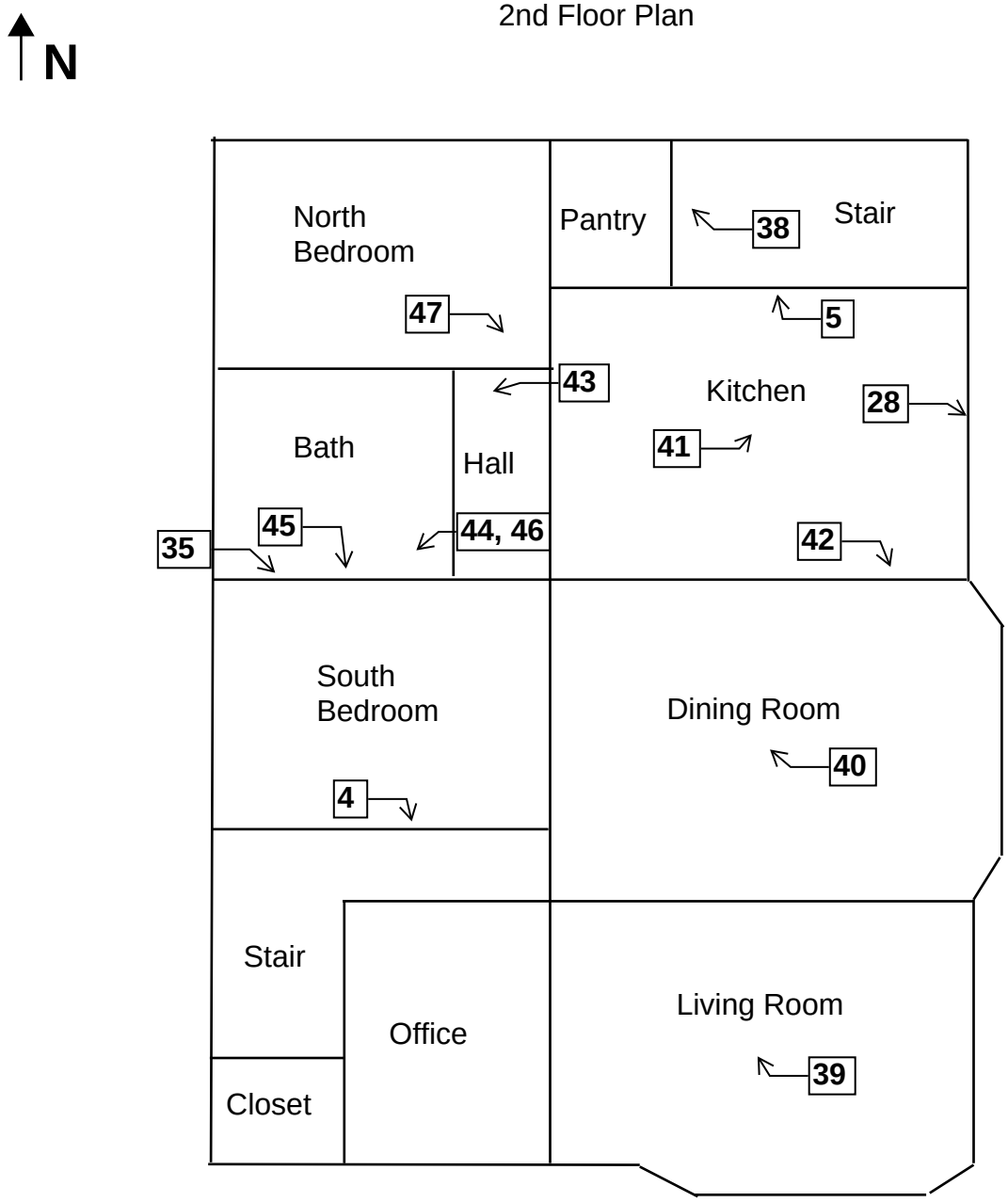
Three Family Dwelling
2472-74 West Burleigh Street
Milwaukee, Wisconsin

1st Floor Plan



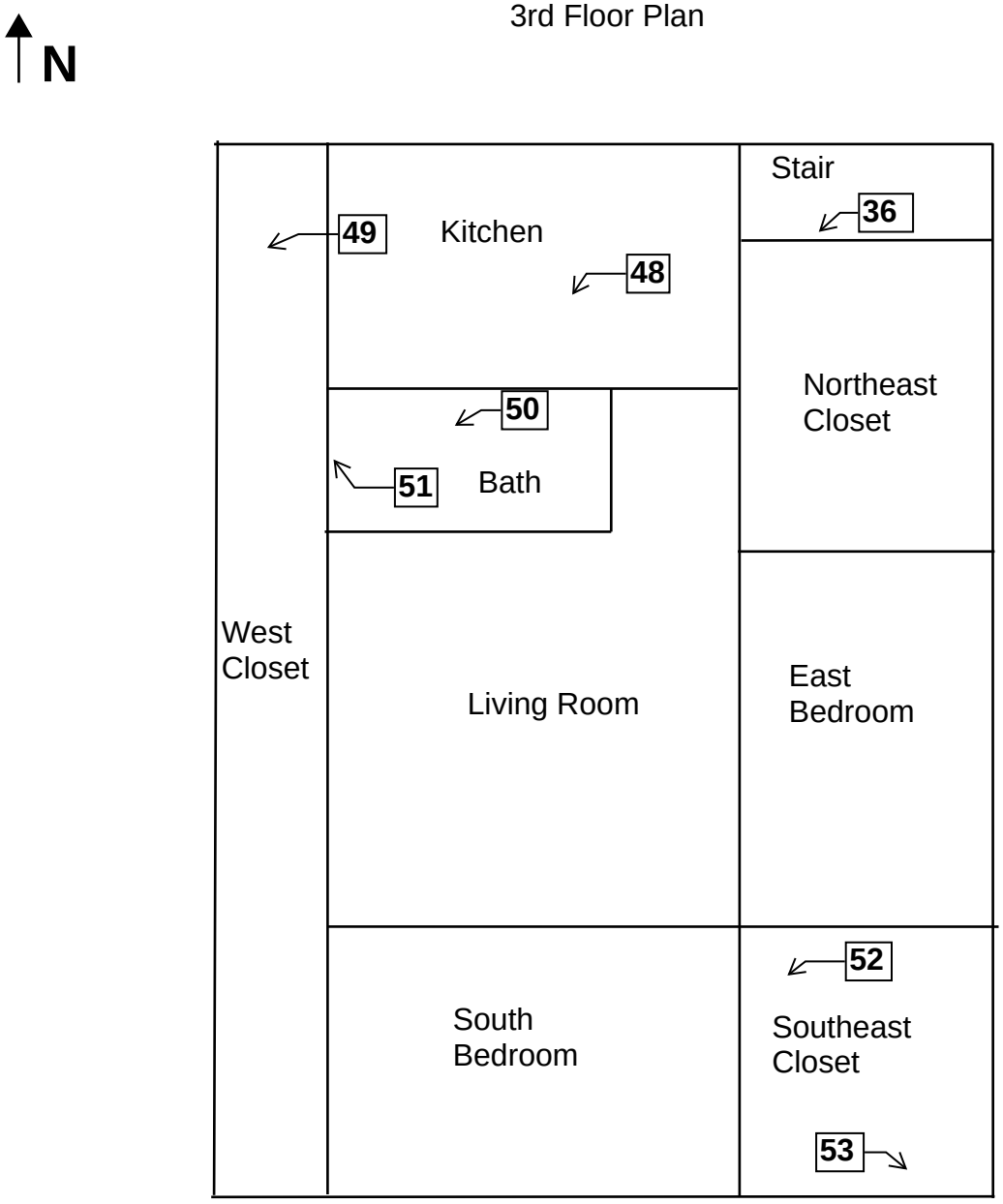
Three Family Dwelling
2472-74 West Burleigh Street
Milwaukee, Wisconsin

2nd Floor Plan



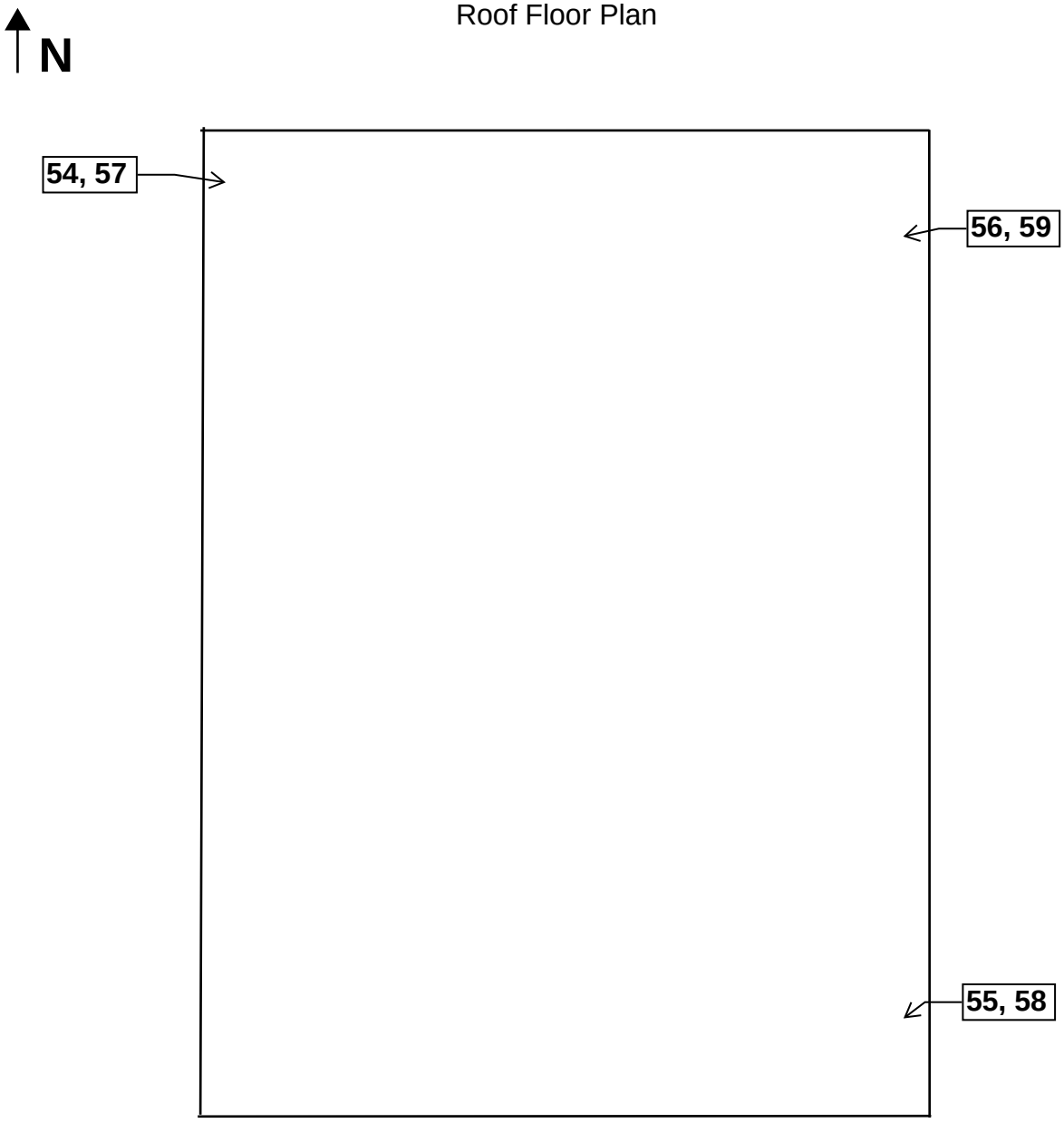
Three Family Dwelling
2472-74 West Burleigh Street
Milwaukee, Wisconsin

3rd Floor Plan



Three Family Dwelling
2472-74 West Burleigh 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

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

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

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

February 5, 2019

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

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

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Four Family Dwelling
3604 West Custer 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.: 18-400-024.3604
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
Four Family Dwelling
3604 West Custer Avenue
Milwaukee, Wisconsin

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

Damian Rogowski
Asbestos Inspector No. AII – 14370
Expiration Date: 3/19/19
Harenda Management Group

October 5, 2018

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

RE: Deconstruction Inspection Report
3604 West Custer Avenue
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 3604 West Custer 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 3604 West Custer 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 gray and tan window caulks, window glazing compounds, aircell pipe insulation, 1st floor east kitchen green linoleum, basement stair floor tile, 2nd floor kitchen floor tile, and 2nd floor living room wall panel mastic 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 and floor. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the four family dwelling at 3604 West Custer Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On July 27, 2018, HMG conducted an asbestos inspection and lead inspection of a four family dwelling, scheduled for deconstruction, located at 3604 West Custer Avenue, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 14370, and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Fiberboard
- Tar paper
- Caulk
- Window glazing compound
- Asphalt roof shingles
- Stucco
- Mortar
- Ceramic tile
- Floor tile
- Aircell pipe insulation
- Drywall/joint compound
- Linoleum

- Ceiling tile
- Flue packing
- Texture
- Blown in insulation
- Plaster
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
2	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
3	Exterior – east south under aluminum siding – fiberboard	Negative	MFB
4	Exterior – east wall under wood siding – tar paper	Negative	MPT
5	Exterior – north wall under wood siding – tar paper	Negative	MPT
6	Exterior – south wall under wood siding – tar paper	Negative	MPT
7	**Exterior – around east window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**

Sample #	Location and Description	Results	Homogeneous Code
8	**Exterior – around north window – gray caulk**	**Positive 4% Chrysotile**	**MCLKy**
9	**Exterior – around south window – gray caulk**	**Positive 2% Chrysotile**	**MCLKy**
10	**Exterior – around basement window – tan caulk**	**Positive 2% Chrysotile**	**MCLKt**
11	Basement – on east window – glazing compound	Negative	MPG
12	Exterior – on north window – glazing compound	Negative	MPG
13	**Exterior – on south window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
14	Roof – southeast corner – gray asphalt shingle	Negative	MRSy
15	Roof – northwest corner – gray asphalt shingle	Negative	MRSy
16	Roof – north side – gray asphalt shingle	Negative	MRSy
17a	Basement – on exterior east wall – stucco skim coat	Negative	STC
17b	Basement – on exterior east wall – stucco base coat	Negative	STC
18a	Basement – on exterior north wall – stucco skim coat	Negative	STC
18b	Basement – on exterior north wall – stucco base coat	Negative	STC
19a	Basement – on exterior west wall – stucco skim coat	Negative	STC
19b	Basement – on exterior west wall – stucco base coat	Negative	STC
20	Basement – on north window – glass block mortar	Negative	MGBM
21a	1st floor – front entry floor – brown ceramic tile	Negative	MCTMn
21b	1st floor – front entry floor – grout	Negative	MCTMn
21c	1st floor – front entry floor – under brown ceramic tile – mortar	Negative	MCTMn
22a	1st floor – east living room – center under carpet – 12” green floor tile	Negative	MF12g
22b	1st floor – east living room – center under carpet – under 12” green floor tile – yellow mastic	Negative	MF12g
23a	1st floor – east living room – southwest under carpet – 12” green floor tile	Negative	MF12g
23b	1st floor – east living room – southwest under carpet – under 12” green floor tile – yellow mastic	Negative	MF12g
24a	1st floor – east living room – northwest under carpet – 12” green floor tile	Negative	MF12g
24b	1st floor – east living room – northwest under carpet – under 12” green floor tile – yellow mastic	Negative	MF12g
25	**1st floor – east living room – in northeast wall - <5” diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
26	1st floor – east kitchen – ceiling – drywall	Negative	MDW
27	1st floor – west living room – west wall – drywall	Negative	MDW
28	2nd floor – west kitchen – south wall – drywall	Negative	MDW
29a	1st floor – east kitchen top layer – tan linoleum	Negative	MFLt
29b	1st floor – east kitchen 2nd layer – beige linoleum	Negative	MFLe
29c	1st floor – east kitchen 3rd layer – 12” brown floor tile	Negative	MF12n
29d	1st floor – east kitchen 4th layer – 12” white floor tile	Negative	MF12w
29e	1st floor – east kitchen 5th layer – yellow linoleum	Negative	MFLl
29f	**1st floor – east kitchen 6th layer – green linoleum**	**Positive 25% Chrysotile**	**MFLg**
30	1st floor – east bedroom – northwest corner – beige and white linoleum	Negative	MFLew
31a	1st floor – bathroom floor – linoleum backing	Negative	MCTMw
31b	1st floor – bathroom floor – under linoleum backing – yellow mastic	Negative	MCTMw

Sample #	Location and Description	Results	Homogeneous Code
31c	1st floor – bathroom 2nd layer – white ceramic tile	Negative	MCTMw
31d	1st floor – bathroom 2nd layer – grout	Negative	MCTMw
31e	1st floor – bathroom 2nd layer – under white ceramic tile – mortar	Negative	MCTMw
32	1st floor – bathroom top layer – gray linoleum	Negative	MFLy
33	1st floor – bathroom – 2' x 4' ceiling tile	Negative	MSCT24
34	1st floor – bathroom – on west wall under plastic panel – white mastic	Negative	MPMw
35a	1st floor – west living room – center – 12" cream floor tile	Negative	MF12c
35b	1st floor – west living room – center – under 12" cream floor tile – brown mastic	Negative	MF12c
36a	1st floor – west living room – northwest – 12" cream floor tile	Negative	MF12c
36b	1st floor – west living room – northwest – under 12" cream floor tile – brown mastic	Negative	MF12c
37a	1st floor – west living room – northeast – 12" cream floor tile	Negative	MF12c
37b	1st floor – west living room – northeast – under 12" cream floor tile – brown mastic	Negative	MF12c
38a	1st floor – west kitchen top layer – beige and brown linoleum	Negative	MFLen
38b	1st floor – west kitchen 2nd layer– 12" beige floor tile	Negative	MF12e
38c	1st floor – west kitchen 3rd layer– 12" tan floor tile	Negative	MF12t
38d	1st floor – west kitchen 4th layer– gold linoleum	Negative	MFLd
39a	1st floor – west bedroom – on west wall – white panel	Negative	MPMc
39b	1st floor – west bedroom – on west wall – under white panel – cream mastic	Negative	MPMc
40	1st floor – west bedroom – 12" blue and tan floor tile	Negative	MF12bt
41a	**Basement – stair 3rd layer – 12" yellow floor tile**	**Positive 5% Chrysotile**	**MF12l**
41b	Basement – stair 3rd layer – under 12" yellow floor tile – yellow mastic	Negative	MF12l
42	**Basement – center near ceiling - <5" diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
43	**1st floor – east living room – on floor northeast - <5" diameter aircell pipe insulation**	**Positive 75% Chrysotile**	**TA5**
44	Basement – on chimney – flue packing	Negative	TFP
45	Basement – on northwest wall – plaster	Negative	SPl
46a	Basement – center wall – plaster skim coat	Negative	SPl
46b	Basement – center wall – plaster base coat	Negative	SPl
47	Basement – south wall – plaster	Negative	SPl
48a	Basement – northeast ceiling – joint compound layer	Negative	SPl2
48b	Basement – northeast ceiling – plaster #2	Positive 3% Chrysotile	SPl2
49	1st floor – east kitchen – north wall – plaster #2	Negative	SPl2
50a	1st floor – west kitchen – north wall – plaster #2 skim coat	Negative	SPl2
50b	1st floor – west kitchen – north wall – plaster #2 base coat	Negative	SPl2
51a	2nd floor – west kitchen – south wall – plaster #2 skim coat	Negative	SPl2
51b	2nd floor – west kitchen – south wall – plaster #2 base coat	Negative	SPl2
52	2nd floor – east kitchen – north wall – plaster #2 base coat	Negative	SPl2
53a	2nd floor – west kitchen – on south wall – brown mastic	Negative	MPMn
53b	2nd floor – west kitchen – on south wall – plaster	Negative	MPMn
54a	2nd floor – west kitchen top layer – brown linoleum	Negative	MFLn
54b	2nd floor – west kitchen top layer – under brown linoleum – yellow mastic	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
54c	2nd floor – west kitchen 2nd layer – yellow and white linoleum	Negative	MFLlw
54d	2nd floor – west kitchen 2nd layer – under yellow and white linoleum – black mastic	Negative	MFLlw
54e	**2nd floor – west kitchen 3rd layer – 12" tan and white floor tile**	**Positive 3% Chrysotile**	**MF12tw**
54f	2nd floor – west kitchen 3rd layer – under 12" white floor tile – black mastic	Negative	MF12w
54g	2nd floor – west kitchen 4th layer – beige and tan linoleum	Negative	MFLet
55	**2nd floor – west living room – on north wall under wood panel – brown mastic**	**Positive 8% Chrysotile**	**MPMn**
56	**2nd floor – west living room – on west wall under wood panel – brown mastic**	**Positive 8% Chrysotile**	**MPMn**
57	**2nd floor – west living room – on south wall under wood panel – brown mastic**	**Positive 8% Chrysotile**	**MPMn**
58a	2nd floor – west living room – on north wall – texture #3	Negative	STX3
58b	2nd floor – west living room – on north wall – texture #3 layer 2	Negative	STX3
58c	2nd floor – west living room – on north wall – texture #3 layer 3	Negative	STX3
59	2nd floor – west living room – on west wall – texture #3	Negative	STX3
60a	2nd floor – west living room – on south wall – texture #3	Negative	STX3
60b	2nd floor – west living room – on south wall – texture #3 layer 2	Negative	STX3
60c	2nd floor – west living room – on south wall – texture #3 layer 3	Negative	STX3
61	2nd floor – west living room – in ceiling – blown in insulation	Negative	MBI
62	2nd floor – west bedroom – in ceiling – blown in insulation	Negative	MBI
63	2nd floor – west living room – in ceiling – blown in insulation	Negative	MBI
64a	2nd floor – east kitchen – top layer – cream and tan linoleum	Negative	MFLct
64b	2nd floor – east kitchen – top layer – under cream and tan linoleum – yellow mastic	Negative	MFLct
64c	2nd floor – east kitchen – 2nd layer – tan and white linoleum	Negative	MFLtw
64d	2nd floor – east kitchen – 2nd layer – under tan and white linoleum – yellow mastic	Negative	MFLtw
64e	2nd floor – east kitchen – 3rd layer – 12" brown and white floor tile	Negative	MF12nw
64f	2nd floor – east kitchen – 3rd layer – under 12" brown and white floor tile – yellow mastic	Negative	MF12nw
65	1st floor – south entry – on northeast wall – texture	Negative	STX
66a	1st floor – east living room – on ceiling – texture	Negative	STX
66b	1st floor – east living room – on ceiling – texture layer 2	Negative	STX
67	1st floor – west living room – on ceiling – texture	Negative	STX
68	2nd floor – stair – on east wall – texture	Negative	STX
69	1st floor – east living room – on south wall – texture	Negative	STX
70	1st floor – east living room – on south wall – texture #2	Negative	STX2
71	1st floor – east living room – on west wall – texture #2	Negative	STX2
72	1st floor – east living room – on northeast wall – texture #2	Negative	STX2

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Gray Caulk	MCLKy	Exterior Around 1st & 2nd Floor Windows	28 Windows	Fair
Tan Caulk	MCLKt	Exterior Around Basement Windows	9 Windows	Fair
Window Glazing Compound	MPG	Exterior on Basement, 1st & 2nd Floor Windows	33 Windows	Fair
<5" Diameter Aircell Pipe Insulation	TA5	1st Floor East Living Room North Wall & on Floor, Basement Near Chimney	12 LF 190 SF of Floor	Poor
Green Linoleum	MFLg	1st Floor East Kitchen 6th Layer	80 SF	Good
12" Yellow Floor Tile	MF12l	Basement Stair Under Floor Tile & Plywood	60 SF	Fair
12" White Floor Tile	MF12w	2nd Floor West Kitchen 3rd Layer	80 SF	Good
Brown Wall Panel Mastic	MPMn	2nd Floor West Living Room Walls Under Wood panel	430 SF	Good

Assumed Asbestos Containing Materials

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster Basement
SPl2	Plaster 1st & 2nd Floors
STC	Stucco
STX	Texture
STX2	Texture #2
MFB	Fiberboard
MPT	Tar Paper Roof

Homogeneous Material Codes

MCLKy	Gray Caulk
MCLKt	Tan Caulk
MPG	Glazing Compound
MRSy	Gray Asphalt Shingle
MGBM	Glass Block Mortar
MCTMn	Brown Ceramic Tile
MCTMw	White Ceramic Tile
MF12g	12” Green Floor Tile
MF12n	12” Brown Floor Tile
MF12w	12” White Floor Tile
MF12c	12” Cream Floor Tile
MF12e	12” Beige Floor Tile
MF12t	12” Tan Floor Tile
MF12l	12” Yellow Floor Tile
MF12tw	12” Tan & White Floor Tile
MF12bt	12” Blue & Tan Floor Tile
MF12nw	12” Brown & White Floor Tile
MDW	Drywall/Joint Compound
MFLt	Tan Linoleum
MFLe	Beige Linoleum
MFLl	Yellow Linoleum
MFLg	Green Linoleum
MFLew	Beige & White Linoleum
MFLy	Gray Linoleum
MFLen	Beige & Brown Linoleum
MFLd	Gold Linoleum
MFLn	Brown Linoleum
MFLlw	Yellow & White Linoleum
MFLet	Beige & Tan Linoleum
MFLct	Cream & Tan Linoleum
MFLtw	Tan & White Linoleum
MPMw	White Wall Panel Mastic
MPMc	Cream Wall Panel Mastic
MPMn	Brown Wall Panel Mastic
MSCT24	2’ x 4’ Ceiling Tile
MBI	Blown in Insulation
TA5	<5” Diameter Aircell Pipe 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 and sampling at 3604 West Custer Avenue, Milwaukee, Wisconsin, took place on July 27, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 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: 3604 West Custer Avenue, Milwaukee, Wisconsin

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

Exterior: 3604 West Custer Avenue, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 3604 West Custer Avenue, Milwaukee, Wisconsin **Date: 7/27/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	West Wall	Block	Gray	<0.0081
P2	Basement	East Floor	Concrete	Gray	0.0503

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

N/A	Air Conditioners (roof top, room, and central)
N/A	Dehumidifiers
N/A	Heat Pumps
N/A	Refrigerators, Freezers, Chillers
N/A	Vending Machines, Food Display Cases
N/A	Walk-in Coolers
N/A	Water Fountains (bubblers)
1	Fire Extinguishers (both **portable** and installed HALON suppression systems) – 1st Floor South Entry
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 – 18 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

* 5 Gallons Paint 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. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 85	Tar
002	2	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 85	Tar
003	3	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 85	Tar
004	4	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
005	5	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
006	6	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
007	7	Homogeneous	White Caulk	Asbestos Present Chrysotile 4	NA	CaCO3 Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	White Caulk	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
009	9	Homogeneous	White Caulk	Asbestos Present Chrysotile 2	NA	CaCO3 Binder
010	10	Homogeneous	White Caulk	Asbestos Present Chrysotile 2	NA	CaCO3
011	11	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
012	12	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
013	13	Homogeneous	Beige Caulk	Asbestos Present Chrysotile 4	NA	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	20	Sand Tar
015	15	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	20	Sand Tar
016	16	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	20	Sand Tar
017	17	Layered	Beige Stucco	Asbestos Not Present	NA		Sand CaCO3
017a		Layered	Gray Stucco	Asbestos Not Present	NA		Sand CaCO3
018	18	Layered	Beige Stucco	Asbestos Not Present	NA		Sand CaCO3
018a		Layered	Gray Stucco	Asbestos Not Present	NA		Sand CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Layered	Beige Stucco	Asbestos Not Present	NA	Sand CaCO3
019a		Layered	Gray Stucco	Asbestos Not Present	NA	Sand CaCO3
020	20	Homogeneous	White Stucco	Asbestos Not Present	NA	Sand CaCO3
021	21	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay
021a		Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
021b		Layered	Gray Mortar	Asbestos Not Present	NA	Sand CaCO3

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Project Number: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	22	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
022a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
023	23	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
023a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
024	24	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
024a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
025	25	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 20	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
027	27	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
028	28	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	25	Gypsum
029	29	Layered	Brown Flooring	Asbestos Not Present	Synthetic	5	Vinyl Foam
029a		Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
029b		Layered	Brown Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3

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Project Number: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029c		Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
029d		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
029e		Layered	Green Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
030	30	Homogeneous	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
031	31	Layered	Gray Sheet Vinyl Backing	Asbestos Not Present	Cellulose 75	Binder
031a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031b		Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031c		Layered	Gray Mortar	Asbestos Not Present	NA		CaCO3 Binder
031d		Layered	Gray Concrete	Asbestos Not Present	NA		Sand CaCO3
032	32	Homogeneous	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	20	Vinyl
033	33	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Paint Perlite
034	34	Homogeneous	Cream Cove Base Mastic	Asbestos Not Present	NA		Glue CaCO3
035	35	Layered	Tan Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
036	36	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
036a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
037	37	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
037a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
038	38	Layered	Cream Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
038a		Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Project: DNS
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Project Number: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038b		Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038c		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 20	Vinyl
039	39	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Vinyl
039a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
040	40	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
041	41	Layered	Yellow Floor Tile	Asbestos Present Chrysotile 5	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
041a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
042	42	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 25	
043	43	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 75	Cellulose 25	
044	44	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
045	45	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
046	46	Layered	White Plaster	Asbestos Not Present	NA	Sand CaCO3
046a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
047	47	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3
048	48	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
048a		Layered	Gray Plaster	Asbestos Present Chrysotile 3	NA	Sand CaCO3
049	49	Homogeneous	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
050	50	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
050a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum

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Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
051	51	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
051a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum
052	52	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand Paint
053	53	Layered	Brown Mastic	Asbestos Not Present	NA	Glue
053a		Layered	White Plaster	Asbestos Not Present	NA	CaCO3
054	54	Layered	Brown Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
054a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
054b		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
054c		Layered	Black Mastic	Asbestos Not Present	NA	Glue
054d		Layered	White Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
054e		Layered	Black Mastic	Asbestos Not Present	NA	Glue
054f		Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
055	55	Homogeneous	Brown Mastic	Asbestos Present Chrysotile 8	NA	CaCO3 Glue

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
056	56	Homogeneous	Brown Mastic	Asbestos Present Chrysotile 8	NA	CaCO3 Glue
057	57	Homogeneous	Brown Mastic	Asbestos Present Chrysotile 8	NA	CaCO3 Glue
058	58	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
058a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
058b		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Sand
059	59	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
060	60	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
060a		Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3
060b		Layered	Gray Plaster	Asbestos Not Present	NA		CaCO3 Sand
061	61	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
062	62	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
063	63	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
064	64	Layered	Beige Sheet Vinyl	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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QuanTEM LABORATORIES
2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
064a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
064b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
064c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
064d		Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
064e		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
065	65	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
066	66	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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. 297562
Account Number: B929
Date Received: 08/06/2018
Received By: Travis Miller
Date Analyzed: 08/07/2018
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: 18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
066a		Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
067	67	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
068	68	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
069	69	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
070	70	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint
071	71	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Sand 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.	297562	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	08/06/2018		
Received By:	Travis Miller		
Date Analyzed:	08/07/2018	Project:	DNS
Analyzed By:	Gayle Ooten	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.3604

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
072	72	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint

Cassie Sanborn, Analyst

8/13/2018
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 297562	
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:	18-400-024.3604
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	8/3/18 1700	FedEx	[illegible] 18-8-6 10:45	

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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www.QuanTEM.com

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 297562
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. 297562
Accept Reject

Project Information

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

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

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For Lab Use Only
Lab No. 29756
Accept Reject

Project Information

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

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

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

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For Lab Use Only
Lab No. 297562
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	☒				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
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: 297583
Date Received: 08/06/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 08/10/18

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.: 18-400-024.3604

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	<0.00810	0.0081	%	08/07/18 14:27	P EPA 7000B (1)
002	P02	Paint	Lead	0.0503	0.0206	%	08/07/18 14:27	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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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 297583	
Accept	Reject

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.3604

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	8/3/18 1700	FedEx	[signature]	8-4-18 10:45

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

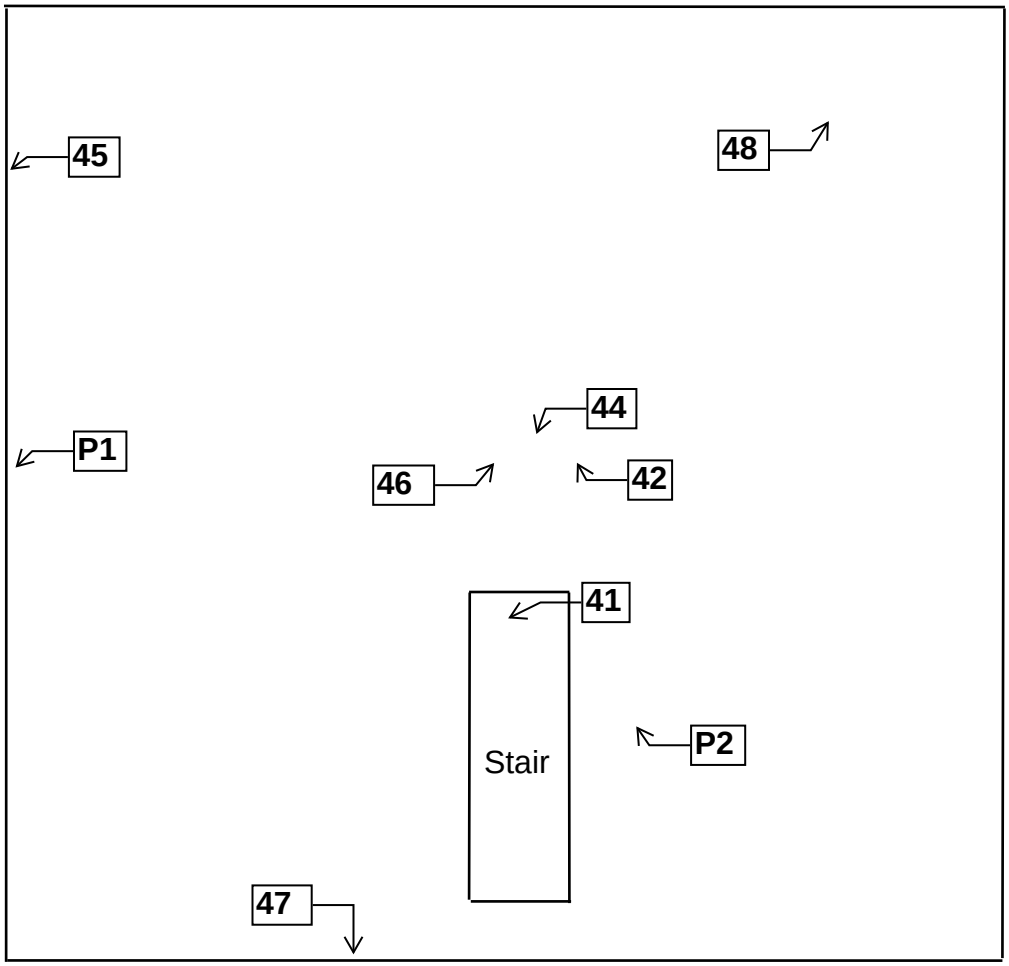
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

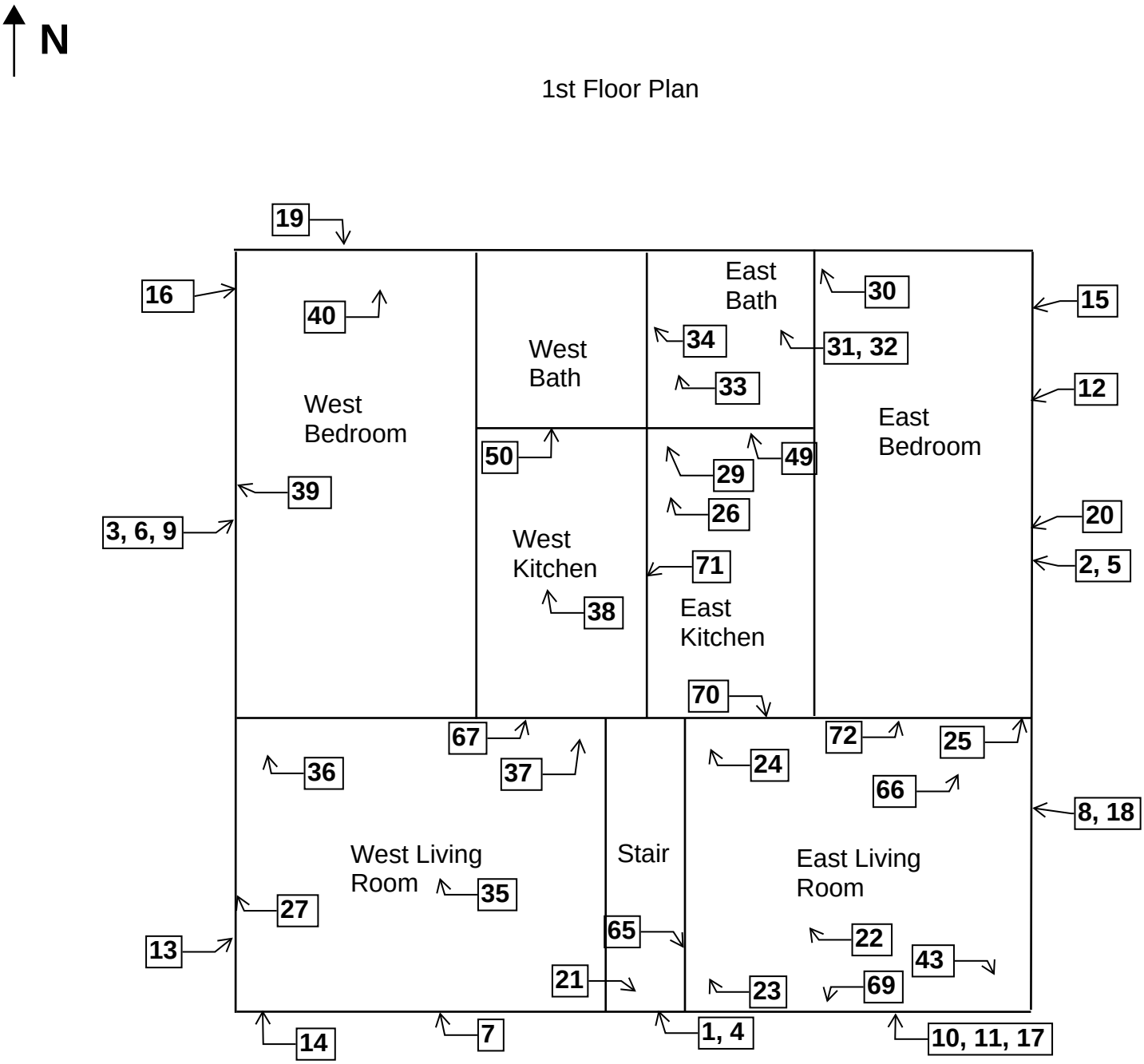
Four Family Dwelling
3604 West Custer Avenue
Milwaukee, Wisconsin

N

Basement Floor Plan



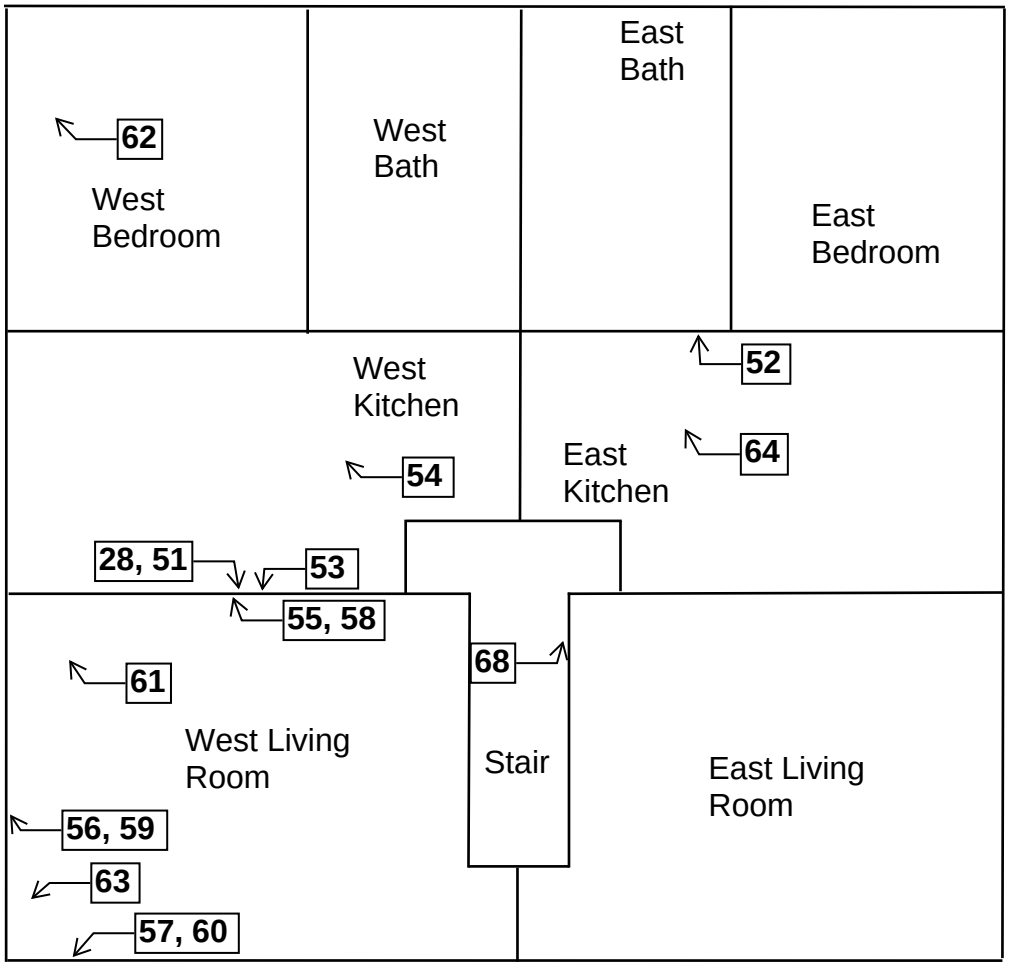
Four Family Dwelling
3604 West Custer Avenue
Milwaukee, Wisconsin



Four Family Dwelling
3604 West Custer Avenue
Milwaukee, Wisconsin

N

2nd 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:

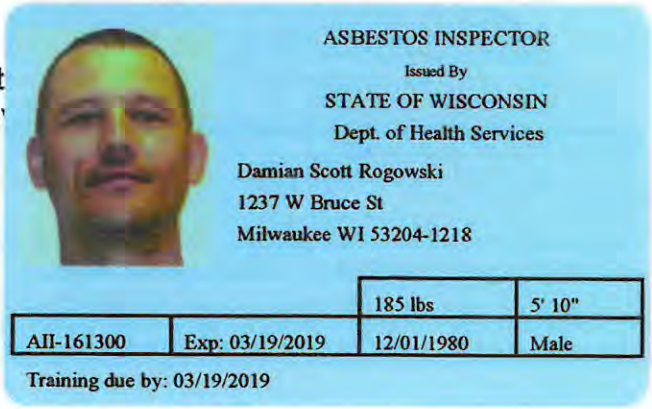
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC

ASBESTOS INSPECTION REPORT
Job Site:

One Family Dwelling
1112 West Hadley Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 17-400-080.1112
Contract No.: 360-17-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2017

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials in the dwelling at 1112 West Hadley Street, Milwaukee, Wisconsin.

The inspection included plaster, stucco, texture, asphalt shingle siding, tar paper, blown in insulation, window glazing compound, linoleum, drywall/joint compound, duct paper, floor tile, asphalt roofing, and mastic to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code.*

II. BUILDING SURVEY

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

On July 7, 2017, HMG conducted an asbestos inspection of a one family dwelling, scheduled for mechanical demolition, located at 1112 West Hadley Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 16130. A supplemental inspection of the texture in the dwelling was conducted on August 16, 2017, by Damian Rogowski.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials. Category I non-friable materials were assumed to be asbestos containing and were not sampled.
3. Quantification of observable positive (>1%) materials existing within the spaces.

During the initial asbestos inspection, five (5) samples of plaster surfacing and three (3) samples of texture surfacing had been collected and analyzed for asbestos by polarized light microscopy (PLM). Two samples of texture, collected from the 2nd floor west bedroom west wall and southwest bedroom east wall, contained 1.5% and 2% chrysotile, respectively. A supplemental inspection was then conducted to isolate the locations of asbestos containing texture as permitted in the USEPA guidance "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials".

Texture had had been identified in all 1st and 2nd floor rooms except the bathrooms. During the supplemental inspection additional texture samples were collected from each of the other surfaces in the 2nd floor west bedroom and southwest bedroom, and from the other rooms that have texture that were not previously sampled.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, stucco, texture, asphalt shingle siding, tar paper, blown in insulation, window glazing compound, linoleum, drywall/joint compound, duct paper, floor tile, asphalt roofing, and mastic. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall – asphalt shingle siding	Negative	MSS
2	Exterior – west wall – asphalt shingle siding	Negative	MSS
3	Exterior – north wall – asphalt shingle siding	Negative	MSS
4	Basement – exterior south wall – stucco	Negative	STC
5	Basement – exterior west wall – stucco	Negative	STC
6	Basement – exterior north wall – stucco	Negative	STC
7	Exterior – south wall under wood siding – tar paper	Negative	MPT
8	Exterior – west wall under wood siding – tar paper	Negative	MPT
9	Exterior – north wall under wood siding – tar paper	Negative	MPT
10	Exterior – in south wall – blown in insulation	Negative	MBI
11	Exterior – in west wall – blown in insulation	Negative	MBI
12	Exterior – in north wall – blown in insulation	Negative	MBI

Sample #	Location and Description	Results	Homogeneous Code
13a	Basement – north wall – plaster skim coat	Negative	SPl
13b	Basement – north wall – plaster base coat	Negative	SPl
14a	Basement – west wall – plaster skim coat	Negative	SPl
14b	Basement – west wall – plaster base coat	Negative	SPl
15a	1st floor – dining room – ceiling – plaster skim coat	Negative	SPl
15b	1st floor – dining room – ceiling – plaster base coat	Negative	SPl
16a	2nd floor – east bedroom – east wall – plaster skim coat	Negative	SPl
16b	2nd floor – east bedroom – east wall – plaster base coat	Negative	SPl
17a	2nd floor – west bedroom – west wall – texture	Negative	SPl
17b	**2nd floor – west bedroom – west wall – texture layer 2**	**Positive 2% Chrysotile**	**STX**
17b	**POINT COUNT RESULT**	**Positive 1.5% Chrysotile**	**STX**
17c	2nd floor – west bedroom – west wall – plaster skim coat	Negative	SPl
17d	2nd floor – west bedroom – west wall – plaster base coat	Negative	SPl
18	Basement – on east wall – texture	Negative	STX
19	1st floor – hall – on west wall – texture	Negative	STX
20a	2nd floor – southwest bedroom – on east wall – texture	Negative	STX
20b	**2nd floor – southwest bedroom – on east wall – texture layer 2**	**Positive 3% Chrysotile**	**STX**
20b	**POINT COUNT RESULT**	**Positive 2% Chrysotile**	**STX**
21	**Basement – on north boot – duct paper**	**Positive 60% Chrysotile**	**TDW**
22	**Basement – on east boot – duct paper**	**Positive 60% Chrysotile**	**TDW**
23	**Basement – on west boot – duct paper**	**Positive 60% Chrysotile**	**TDW**
24	Basement – on east wall – yellow mastic	Negative	MWMl
25	Basement – on north window – glazing compound	Negative	MPG
26	Exterior – on east window – glazing compound	Negative	MPG
27	Exterior – on west window – glazing compound	Negative	MPG
28	**1st floor – hall – under floor tile – yellow and brown linoleum**	**Positive 25% Chrysotile**	**MFLln**
29	1st floor – bathroom – gray linoleum	Negative	MFLy
30	1st floor – bathroom – on east wall – tan mastic	Negative	MWMt
31a	1st floor – bathroom – east wall – joint compound	Negative	MDW
31b	1st floor – bathroom – east wall – drywall	Negative	MDW
32	1st floor – hall – ceiling – drywall	Negative	MDW
33	2nd floor – bathroom – south wall – drywall	Negative	MDW
34a	1st floor – kitchen – bottom layer – on yellow linoleum – yellow mastic	Negative	MFLl
34b	1st floor – kitchen – bottom layer – yellow linoleum	Negative	MFLl
35	2nd floor – west bedroom – on east wall – texture	Negative	STX
36	2nd floor – west bedroom – on north wall – texture	Negative	STX
37	2nd floor – west bedroom – on south wall – texture	Negative	STX
38	2nd floor – west bedroom – on ceiling – texture	Negative	STX
39a	2nd floor – southwest bedroom – on west wall – texture	Negative	STX
39b	2nd floor – southwest bedroom – on west wall – texture layer 2	Negative	STX
40a	2nd floor – southwest bedroom – on south wall – texture	Negative	STX
40b	2nd floor – southwest bedroom – on south wall – texture layer 2	Positive 3% Chrysotile	STX

Sample #	Location and Description	Results	Homogeneous Code
40b	POINT COUNT RESULT	Trace 0.5% Chrysotile	STX
41	2nd floor – southwest bedroom – on north wall – texture	Negative	STX
42	2nd floor – southwest bedroom – on ceiling – texture	Negative	STX
43	2nd floor – east bedroom – on east wall – texture	Negative	STX
44	2nd floor – east bedroom – on south wall – texture	Negative	STX
45	2nd floor – east bedroom – on west wall – texture	Negative	STX
46	2nd floor – east bedroom – on north wall – texture	Negative	STX
47	2nd floor – east bedroom – on ceiling – texture	Negative	STX
48a	2nd floor – hall – on north wall – texture	Negative	STX
48b	2nd floor – hall – on north wall – texture layer 2	Negative	STX
49	2nd floor – hall – on east wall – texture	Negative	STX
50	2nd floor – hall – on south wall – texture	Negative	STX
51	2nd floor – hall – on west wall – texture	Negative	STX
52	2nd floor – hall – on ceiling – texture	Negative	STX
53	2nd floor – stair – on east wall – texture	Negative	STX
54	2nd floor – stair – on south wall – texture	Negative	STX
55	2nd floor – stair – on west wall – texture	Negative	STX
56	2nd floor – stair – on ceiling – texture	Negative	STX
57	1st floor – hall – on north wall – texture	Negative	STX
58	1st floor – hall – on east wall – texture	Negative	STX
58	1st floor – hall – on east wall – texture layer 2	Positive 3% Chrysotile	STX
58	POINT COUNT RESULT	Trace 1% Chrysotile	STX
59	1st floor – hall – on south wall – texture	Positive 3% Chrysotile	STX
59	POINT COUNT RESULT	Trace 0.25% Chrysotile	STX
60	1st floor – southeast bedroom – on north wall – texture	Negative	STX
61	1st floor – southeast bedroom – on east wall – texture	Negative	STX
62	1st floor – southeast bedroom – on south wall – texture	Negative	STX
63	1st floor – southeast bedroom – on west wall – texture	Negative	STX
64	1st floor – southeast bedroom – on ceiling – texture	Negative	STX
65	1st floor – northeast bedroom – on north wall – texture	Negative	STX
66	1st floor – northeast bedroom – on east wall – texture	Negative	STX
67	1st floor – northeast bedroom – on south wall – texture	Negative	STX
68	1st floor – northeast bedroom – on west wall – texture	Negative	STX
69	1st floor – northeast bedroom – on ceiling – texture	Negative	STX
70	1st floor – dining room – on north wall – texture	Negative	STX
71	1st floor – dining room – on east wall – texture	Negative	STX
72	1st floor – dining room – on south wall – texture	Negative	STX
73	1st floor – dining room – on west wall – texture	Negative	STX
74	1st floor – kitchen – on north wall – texture	Negative	STX
75	1st floor – kitchen – on east wall – texture	Negative	STX
76	1st floor – kitchen – on south wall – texture	Negative	STX
77	1st floor – kitchen – on west wall – texture	Negative	STX
79	Basement – stair – on north wall – texture	Negative	STX
80	Basement – stair – on east wall – texture	Negative	STX
81	Basement – stair – on south wall – texture	Negative	STX
82	Basement – stair – on west wall – texture	Negative	STX

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

Material	Homogeneous Code	Location	Approximate Quantity
Texture on Plaster	STX	2nd Floor West Bedroom West Wall, 2nd Floor Southwest Bedroom East Wall	180 Sq. Ft.
Duct Paper	TDW	Basement on Boots	10 Sq. Ft.
Yellow & Brown Linoleum	MFLln	1st Floor Hall Under Floor Tile	80 Sq. Ft.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	House	Asphalt Shingles & Flashing	600 Sq. Ft.
1st	Hall/Stair	Floor Tile & Mastic	120 Sq. Ft.
2nd	Bathroom	Floor Tile & Mastic	50 Sq. Ft.

Note #1: The texture, duct paper, and yellow and brown linoleum are friable asbestos containing materials. Under NR 447 of the Wisconsin Administrative Code they are defined as regulated asbestos containing materials (RACM). NR 447.08 requires the building owner or operator to remove all RACM from a facility being demolished or renovated before any activity begins that would break up, dislodge or similarly disturb the material. DHS 159 requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building. texture, duct paper, and yellow and brown linoleum must be abated by a Wisconsin certified asbestos company prior to demolition.

Asphalt roofing and floor tile/mastic are category I non friable asbestos containing materials, are not in poor condition, and are not friable. Under NR 447 they need not be removed before demolition if the demolition debris will be disposed at a Wisconsin licensed landfill.

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
STX	Texture
MSS	Asphalt Shingle Siding
MPT	Tar Paper
MBI	Blown in Insulation
MWMl	Yellow Wall Mastic
MWMt	Tan Wall Mastic
MPG	Window Glazing Compound
MFLln	Yellow & Brown Linoleum

Homogeneous Material Codes

MFLl	Yellow Linoleum
MFLy	Gray Linoleum
MDW	Drywall/Joint Compound
TDW	Duct Paper

V. EXCLUSIONS

No access to attic. Roof visible only from ground. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 Breaker 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

* 1 Gas Meter Exterior

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 282314
Account Number: B929
Date Received: 07/10/2017
Received By: Peyton Awbrey
Date Analyzed: 07/15/2017
Analyzed By: Carter Cox
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose	60	Tar Quartz
002	2	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose	60	Tar Quartz
003	3	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose	60	Tar Quartz
004	4	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand Gypsum
005	5	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand Gypsum
006	6	Homogeneous	Gray Plaster	Asbestos Not Present	NA		Sand Gypsum
007	7	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose Synthetic	60 40	

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	Brown Insulation	Asbestos Not Present	Cellulose Synthetic	60 40	
009	9	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose Synthetic	60 40	
010	10	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
011	11	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
012	12	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
013	13	Layered	White Skim Coat	Asbestos Not Present	NA		Gypsum Paint

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Sand Gypsum
014	14	Layered	White Skim Coat	Asbestos Not Present	NA		Gypsum Paint
014a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Sand Gypsum
015	15	Layered	White Skim Coat	Asbestos Not Present	NA		Gypsum Paint
015a		Layered	Gray Plaster	Asbestos Not Present	Hair	2	Sand Gypsum
016	16	Layered	White Skim Coat	Asbestos Not Present	NA		Gypsum Paint
016a		Layered	Gray Plaster	Asbestos Not Present	Hair	3	Sand Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Layered	White Texture	Asbestos Not Present	Wollastonite 4	CaCO3
017a		Layered	Gray Texture	Asbestos Present Chrysotile 2	NA	CaCO3 Paint
017b		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
017c		Layered	Gray Plaster	Asbestos Not Present	Hair 4	Sand Gypsum
018	18	Homogeneous	White Texture	Asbestos Not Present	NA	Gypsum Perlite Paint
019	19	Homogeneous	White Texture	Asbestos Not Present	Wollastonite 4	CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Layered	White Texture	Asbestos Not Present	Wollastonite 4	CaCO3 Paint
020a		Layered	Gray Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
020b		Layered	White Skim Coat	Asbestos Not Present	NA	Gypsum Paint
021	21	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
022	22	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
023	23	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
024	24	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 282314
Account Number: B929
Date Received: 07/10/2017
Received By: Peyton Awbrey
Date Analyzed: 07/15/2017
Analyzed By: Carter Cox
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	25	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
026	26	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
027	27	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA	CaCO3
028	28	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	Cellulose 5	Vinyl Binder
029	29	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Glass Fiber 10	Vinyl Foam
030	30	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3

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. 282314
Account Number: B929
Date Received: 07/10/2017
Received By: Peyton Awbrey
Date Analyzed: 07/15/2017
Analyzed By: Carter Cox
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031	31	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
031a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
032	32	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
033	33	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
034	34	Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
034a		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose Glass Fiber	25 5	Vinyl CaCO3

Carter Cox

Carter W. Cox, Analyst

7/15/2017

Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 287314	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.1112
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	7/7/17 1700	FedEx	[illegible]	7/10/17 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	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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ASBESTOS CHAIN OF CUSTODY

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

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For Lab Use Only
Lab No. 282314
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. 282314
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		☐				
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 282620
Account Number: B929
Date Received: 07/17/2017
Received By: Karen Braley
Date Analyzed: 07/18/2017
Analyzed By: Carter Cox
Methodology: EPA/600/R-93/116

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

Project: DNS /400 PTCT for 282314
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	17	Homogeneous	Gray Texture	Asbestos Present Chrysotile 1.50 400 Point Count	NA	
002	20	Homogeneous	Gray Texture	Asbestos Present Chrysotile 2.00 400 Point Count	NA	

Carter Cox

Carter W. Cox, Analyst

7/18/2017

Date of Report

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ASBESTOS CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 282620
Accept Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.1112
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/17/17 1450	Email	K Brady	7/17/17 2:30

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	17	☑		gray texture		Quantem Lab #; 282314
2	18	☑		gray texture		
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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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. 284026
Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	35	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
002	36	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
003	37	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
004	38	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
005	39	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
005a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284026
Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005b		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
006	40	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
006b		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
007	41	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
008	42	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284026
Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009	43	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
010	44	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011	45	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012	46	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
013	47	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
014	48	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284026
Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
015	49	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
016	50	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
017	51	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
018	52	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
019	53	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	54	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
021	55	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
022	56	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
023	57	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
024	58	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
024a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284026
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Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	59	Homogeneous	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
026	60	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
027	61	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
028	62	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
029	63	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
030	64	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	65	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
032	66	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
033	67	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
034	68	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
035	69	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
036	70	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037	71	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
038	72	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
039	73	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
040	74	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
041	75	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
042	76	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284026
Account Number: B929
Date Received: 08/18/2017
Received By: Karen Braley
Date Analyzed: 08/23/2017
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: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
043	77	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
044	VOID	**	** **	**	Not Analyzed	
No Sample Received						
045	79	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
046	80	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
047	81	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
048	82	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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.	284026	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	08/18/2017		
Received By:	Karen Braley		
Date Analyzed:	08/23/2017	Project:	DNS
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	17-400-080.1112

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

Dee Ammerman, Analyst

8/23/2017
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 284026	
Accept	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.1112
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	8/17/17 1700	FedEx	K. Bradley	8-18-17 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	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	35	☒				
2	36	☐				
3	37	☐				
4	38	☐				
5	39	☐				
6	40	☐				
7	41	☐				
8	42	☐				
9	43	☐				
10	44	☒				

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"

*KB 8-18 cd+4/m on 4/m RE: #28 missing – 8-21 – Dean sd. Void sample –

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For Lab Use Only
Lab No. 284026
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	45	☒				
12	46	☐				
13	47	☐				
14	48	☐				
15	49	☐				
16	50	☐				
17	51	☐				
18	52	☐				
19	53	☐				
20	54	☐				
21	55	☐				
22	56	☐				
23	57	☐				
24	58	☐				
25	59	☐				
26	60	☐				
27	61	☐				
28	62	☐				
29	63	☐				
30	64	☑				

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For Lab Use Only
Lab No. 284026
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	65	☒				
32	66	☐				
33	67	☐				
34	68	☐				
35	69	☐				
36	70	☐				
37	71	☐				
38	72	☐				
39	73	☐				
40	74	☐				
41	75	☐				
42	76	☐				
43	77	☐				
* 44	78	☐				
* 45	79	☐				
46	80	☐				
47	81	☐				
48	82	☐				
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"

#44 * (Same #78) not Quant - Void

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 284181
Account Number: B929
Date Received: 08/24/2017
Received By: Karen Braley
Date Analyzed: 08/25/2017
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 284026
Project Location: Milwaukee, WI
Project Number: 17-400-080.1112

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	40	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 0.50 400 Point Count	NA	
002	58	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 1.00 400 Point Count	NA	
003	59	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 0.25 400 Point Count	NA	

Cassie Sanborn, Analyst

8/25/2017
Date of Report

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

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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. 284181
Accept Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	17-400-080.1112
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	8/24/17 800	Email	K. Bailey	8/24/17 8:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	40	☑		white joint compound		Quantem Lab #: 284026
2	58	☑		white joint compound		
3	59	☑				
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"

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
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

April 10, 2017

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you protect y
professional responsibility. Contact us if you have an
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

DECCONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2317-19 West Hopkins 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.: 18-400-024.2317-19
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
2317-19 West Hopkins Street
Milwaukee, Wisconsin

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

April 16, 2018

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

RE: Deconstruction Inspection Report
2317-19 West Hopkins Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2317-19 West Hopkins 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 2317-19 West Hopkins Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above 1% in tar on asphalt shingle siding and in duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2317-19 West Hopkins Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum, 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 March 30, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2317-19 West Hopkins Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Caulk
- Paper insulation
- Asphalt shingle siding
- Tar paper
- Floor tile
- Plaster
- Drywall/joint compound
- Duct wrap
- Leveling compound
- Linoleum
- Glazing compound
- 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 – north wall on aluminum siding – gray caulk	Negative	MCLKy
2	Exterior – around west window – gray caulk	Negative	MCLKy
3	Exterior – around east window – gray caulk	Negative	MCLKy
4	Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
5	Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
6	Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
7a	**Exterior – west wall under silver paper insulation – on asphalt shingle siding – tar**	**Positive 6% Chrysotile**	**MTar**
7b	Exterior – west wall under silver paper insulation – asphalt shingle siding	Negative	MSS
8	Exterior – south wall under silver paper insulation – asphalt shingle siding	Negative	MSS
9	Exterior – east wall under silver paper insulation – asphalt shingle siding	Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
10	Exterior – west wall under wood siding – tar paper	Negative	MPT
11	Exterior – south wall under wood siding – tar paper	Negative	MPT
12	Exterior – east wall under wood siding – tar paper	Negative	MPT
13	Exterior – on east window trim – white caulk	Negative	MCLKw
14	Exterior – on west window trim – white caulk	Negative	MCLKw
15	Exterior – on north window trim – white caulk	Negative	MCLKw
16a	1st floor – front entry – under carpet – 12" black and white floor tile	Negative	MF12kw
16b	1st floor – front entry – under 12" black and white floor tile – black floor tile	Negative	MF12k
17a	1st floor – front entry – west wall – joint compound layer	Negative	SPl
17b	1st floor – front entry – west wall – plaster	Negative	SPl
18	1st floor – hall – west wall – plaster	Negative	SPl
19	1st floor – pantry – east wall – plaster	Negative	SPl
20a	2nd floor – west bedroom – north wall – joint compound layer	Negative	SPl
20b	2nd floor – west bedroom – north wall – plaster skim coat	Negative	SPl
20c	2nd floor – west bedroom – north wall – plaster base coat	Negative	SPl
21	2nd floor – north bedroom – south wall – plaster	Negative	SPl
24a	1st floor – front entry – west wall – joint compound	Negative	MDW
24b	1st floor – front entry – west wall – drywall	Negative	MDW
25a	1st floor – bathroom – south wall – joint compound	Negative	MDW
25b	1st floor – bathroom – south wall – drywall	Negative	MDW
26a	2nd floor – north bedroom – south wall – joint compound	Negative	MDW
26b	2nd floor – north bedroom – south wall – drywall	Negative	MDW
27	**1st floor – north bedroom – on south wall duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
28	**2nd floor – south bedroom – on north wall duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
29	**1st floor – dining room – on north wall duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
30a	1at floor – north bedroom – under carpet – white leveling compound	Negative	MLCw
30b	1at floor – north bedroom – under carpet – gray leveling compound	Negative	MLCy
31	1st floor – hall top layer – 12" cream and pink floor tile	Negative	MF12cp
32	1st floor – kitchen top layer – 12" cream and pink floor tile	Negative	MF12cp
33	1st floor – pantry top layer – 12" cream and pink floor tile	Negative	MF12cp
34a	1st floor – hall 3rd layer – green linoleum	Negative	MFLg
34b	1st floor – hall 3rd layer – under green linoleum – yellow mastic	Negative	MFLg
35a	1st floor – kitchen south side – 3rd layer – green linoleum	Negative	MFLg
35b	1st floor – kitchen south side – 3rd layer – under green linoleum – yellow mastic	Negative	MFLg
36a	1st floor – kitchen north side – 3rd layer – green linoleum	Negative	MFLg
36b	1st floor – kitchen north side – 3rd layer – under green linoleum – yellow mastic	Negative	MFLg
37	1st floor – kitchen north side – 5th layer – 12" tan and brown floor tile	Negative	MF12tn
38	1st floor – kitchen south side – 5th layer – 12" tan and brown floor tile	Negative	MF12tn
39	1st floor – pantry 3rd layer – 12" tan and brown floor tile	Negative	MF12tn
40a	1st floor – hall 5th layer – 12" white floor tile	Negative	MF12w

Sample #	Location and Description	Results	Homogeneous Code
40b	1st floor – hall 5th layer – under 12” white floor tile – yellow mastic	Negative	MF12w
41a	1st floor – kitchen 7th layer – 12” white floor tile	Negative	MF12w
41b	1st floor – kitchen 7th layer – under 12” white floor tile – yellow mastic	Negative	MF12w
42a	1st floor – pantry 5th layer – 12” white floor tile	Negative	MF12w
42b	1st floor – pantry 5th layer – under 12” white floor tile – yellow mastic	Negative	MF12w
43	1st floor – kitchen – in cabinet – 12” tan floor tile	Negative	MF12t
44	1st floor – bathroom top layer – gray and cream linoleum	Negative	MFLyc
45a	1st floor – bathroom 3rd layer – linoleum backing	Negative	MFLback
45b	1st floor – bathroom 3rd layer – under linoleum backing – yellow mastic	Negative	MFLback
46a	1st floor – bathroom – on southwest wall – white panel	Negative	MWMt
46b	1st floor – bathroom – on southwest wall – under white panel – tan mastic	Negative	MWMt
47	1st floor – pantry – on counter – white linoleum	Negative	MFLw
48	2nd floor – stair – on landing – linoleum backing #2	Negative	MFLback2
49a	2nd floor – kitchen south side – top layer – 12” brown and gray floor tile	Negative	MF12ny
49b	2nd floor – kitchen south side – top layer – under 12” brown and gray floor tile – yellow mastic	Negative	MF12ny
50a	2nd floor – kitchen north side – top layer – 12” brown and gray floor tile	Negative	MF12ny
50b	2nd floor – kitchen north side – top layer – under 12” brown and gray floor tile – yellow mastic	Negative	MF12ny
51a	2nd floor – pantry top layer – 12” brown and gray floor tile	Negative	MF12ny
51b	2nd floor – pantry top layer – under 12” brown and gray floor tile – yellow mastic	Negative	MF12ny
52a	2nd floor – kitchen south side – 3rd layer – 12” cream floor tile	Negative	MF12c
52b	2nd floor – kitchen south side – 3rd layer – under 12” cream floor tile – yellow mastic	Negative	MF12c
53a	2nd floor – kitchen north side – 3rd layer – 12” cream floor tile	Negative	MF12c
53b	2nd floor – kitchen north side – 3rd layer – under 12” cream floor tile – yellow mastic	Negative	MF12c
54	2nd floor – hall under carpet – 12” cream floor tile	Negative	MF12c
55a	2nd floor – pantry 3rd layer – 12” gray floor tile	Negative	MF12y
55b	2nd floor – pantry 3rd layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
56a	2nd floor – bathroom – 12” tan/brown/gray floor tile	Negative	MF12tny
56b	2nd floor – bathroom – under 12” tan/brown/gray floor tile – yellow mastic	Negative	MF12y
57a	2nd floor – bathroom – on west wall – white panel	Negative	MPMn
57b	2nd floor – bathroom – on west wall – under white panel – brown mastic	Negative	MPMn
57c	2nd floor – bathroom – on west wall – under brown mastic – joint compound	Negative	MPMn
58	2nd floor – north porch floor – rolled asphalt roofing	Negative	MRR
59	2nd floor – north porch – on windows – brown caulk	Negative	MCLKn
60	Roof – northeast top layer – green asphalt shingle	Negative	MRSg
61	Roof – southeast top layer – green asphalt shingle	Negative	MRSg

Sample #	Location and Description	Results	Homogeneous Code
62	Roof – southwest top layer – green asphalt shingle	Negative	MRSg
63	Roof – northeast bottom layer – tar paper #2	Negative	MPT2
64	Roof – southeast bottom layer – tar paper #2	Negative	MPT2
65	Roof – southwest bottom layer – tar paper #2	Negative	MPT2
66	Attic – on south window – glazing compound	Negative	MPG
67	Basement – on chimney – flue packing	Negative	TFP
68	Basement – on northwest window board – cream caulk	Negative	MCLKc

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Tar on Asphalt Shingle Siding	MTar	Scattered on Exterior Walls Under Aluminum & Vinyl Siding	2,700 SF of Siding	Good
Duct Wrap	TDW	On Ducts in 1st Floor Walls	100 SF	Fair

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity	Condition
Roof	House at Chimney	Asphalt Flashing	5 Sq. Ft.	Fair

The asphalt flashing was not accessible for sampling.

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
MCLKy	Gray Caulk
MCLKw	White Caulk
MCLKn	Brown Caulk
MCLKc	Cream Caulk
MPIs	Silver Paper Insulation
MSS	Asphalt Shingle Siding
MPT	Tar Paper
MPT2	Tar Paper #2
MF12kw	12” Black & White Floor Tile
MF12k	12” Black Floor Tile
MF12cp	12” Cream & Pink Floor Tile

Homogeneous Material Codes

MF12tn	12" Tan & Brown Floor Tile
MF12w	12" White Floor Tile
MF12t	12" Tan Floor Tile
MF12ny	12" Brown & Gray Floor Tile
MF12c	12" Cream Floor Tile
MF12y	12" Gray Floor Tile
MF12tny	12" Tan/Brown/Gray Floor Tile
MDW	Drywall/Joint Compound
MLCw	White Leveling Compound
MLCy	Gray Leveling Compound
MFLg	Green Linoleum
MFLyc	Gray & Cream Linoleum
MFLback	Linoleum Backing
MFLw	White Linoleum
MFLback2	Linoleum Backing #2
MPMt	Tan Panel Mastic
MPMn	Brown Panel Mastic
MRR	Asphalt Rolled Roofing
MRSg	Green Asphalt Shingle
MPG	Glazing Compound
TDW	Duct Wrap
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 2317-19 West Hopkins Street, Milwaukee, Wisconsin, took place on March 30, 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: 2317-19 West Hopkins Street, Milwaukee, Wisconsin

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

Exterior: 2317-19 West Hopkins Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2317-19 West Hopkins Street, Milwaukee, Wisconsin Date: 3/30/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	West Wall	Block	Blue	0.0869
P2	Basement	East Wall	Block	White	0.00636

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

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. 292618
Account Number: B929
Date Received: 04/02/2018
Received By: Amber Bassett
Date Analyzed: 04/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2317-19

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Tan Caulk	Asbestos Not Present	Talc 3	CaCO3 Talc
002	2	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
003	3	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
004	4	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose 90	Foil
005	5	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose 90	Foil
006	6	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 90	Foil
007	7	Layered	Black Sealant	Asbestos Present Chrysotile 6	NA	Tar

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007a		Layered	Brown Siding	Asbestos Not Present	Cellulose	40	Tar Sand
008	8	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose	40	Tar Sand
009	9	Homogeneous	Brown Siding	Asbestos Not Present	Cellulose	40	Tar Sand
010	10	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
011	11	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
012	12	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
014	14	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
015	15	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
016	16	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
016a		Layered	Black Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
017	17	Layered	White Texture	Asbestos Not Present	Cellulose 5 Talc 5	CaCO3 Talc Paint
017a		Layered	White Plaster	Asbestos Not Present	Hair 2	Sand CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
018	18	Homogeneous	White Plaster	Asbestos Not Present	Hair	2	Sand CaCO3 Paint
019	19	Homogeneous	White Plaster	Asbestos Not Present	Hair	2	Sand CaCO3 Paint
020	20	Layered	White Texture	Asbestos Not Present	Cellulose Talc	5 5	CaCO3 Talc Paint
020a		Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
020b		Layered	White Plaster	Asbestos Not Present	Hair	2	Sand CaCO3
021	21	Homogeneous	White Plaster	Asbestos Not Present	Hair	2	Sand CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
022	24	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum Perlite
022a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum
023	25	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum Perlite
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum
024	26	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Perlite Paint
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
025	27	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	NA	Binder
026	28	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	NA	Binder
027	29	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 65	NA	Binder
028	30	Layered	White Flooring	Asbestos Not Present	NA	CaCO3
028a		Layered	Gray Flooring	Asbestos Not Present	NA	CaCO3 Sand
029	31	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
030	32	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031	33	Homogeneous	White Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
032	34	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
032a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
033	35	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl
033a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
034	36	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	25	Vinyl

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034a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
035	37	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
036	38	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
037	39	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038	40	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
039	41	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
039a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
040	42	Layered	White Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
040a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
041	43	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
042	44	Homogeneous	Brown Flooring	Asbestos Not Present	Cellulose	45	CaCO3 Binder
043	45	Layered	Black Flooring	Asbestos Not Present	Cellulose	90	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
043a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
044	46	Layered	White Fiberboard	Asbestos Not Present	Glass Fiber	80	Binder
044a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
045	47	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose	40	Tar CaCO3
046	48	Homogeneous	White Insulation	Asbestos Not Present	Cellulose	80	Binder
047	49	Layered	Black Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
047a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
048	50	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
048a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
049	51	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
049a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
050	52	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
050a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 292618
Account Number: B929
Date Received: 04/02/2018
Received By: Amber Bassett
Date Analyzed: 04/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2317-19

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
051	53	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
051a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
052	54	Homogeneous	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
053	55	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
053a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
054	56	Layered	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
054a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 292618
Account Number: B929
Date Received: 04/02/2018
Received By: Amber Bassett
Date Analyzed: 04/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2317-19

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
055	57	Layered	White Fiberboard	Asbestos Not Present	Glass Fiber	80	Binder
055a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue Binder
055b		Layered	White Texture	Asbestos Not Present	NA		CaCO3 Gypsum Perlite
056	58	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
057	59	Homogeneous	White Caulk	Asbestos Not Present	NA		CaCO3 Silicone
058	60	Homogeneous	Green Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

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. 292618
Account Number: B929
Date Received: 04/02/2018
Received By: Amber Bassett
Date Analyzed: 04/06/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2317-19

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
059	61	Homogeneous	Green Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
060	62	Homogeneous	Green Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
061	63	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
062	64	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
063	65	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	60	Tar
064	66	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
065	67	Homogeneous	Gray Stucco	Asbestos Not Present	Wollastonite	30	Sand 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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	292618	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	04/02/2018		
Received By:	Amber Bassett		
Date Analyzed:	04/06/2018	Project:	DNS
Analyzed By:	Cristal Veech	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2317-19

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
066	68	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone

Cristal Veech

Cristal Veech, Analyst

4/6/2018

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

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. 292618
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:	18-400-024.2317-19
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/30/18 1700	FedEx	Amber Bassett 10:10	4-2-18

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	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	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. 292618
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	24	☐				
23	25	☐				
24	26	☐				
25	27	☐				
26	28	☐				
27	29	☐				
28	30	☐				
29	31	☐				
30	32	☑				

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For Lab Use Only
Lab No. 292618
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

Page ____ of ____

For Lab Use Only
Lab No. 292618
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	☑				
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: 292612
Date Received: 04/02/18
Received By: Amber Bassett
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 04/05/18

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.: 18-400-024.2317-19

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0869	0.0049	%	04/05/18 14:58	P EPA 7000B (1)
002	P2	Paint	Lead	0.00636	0.00494	%	04/05/18 14:58	P EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 292612	
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:	18-400-024.2317-19

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	3/30/18 1700	FedEx	Amber Bassett 10:10	4-2-18

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				↓	↓				↓				
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

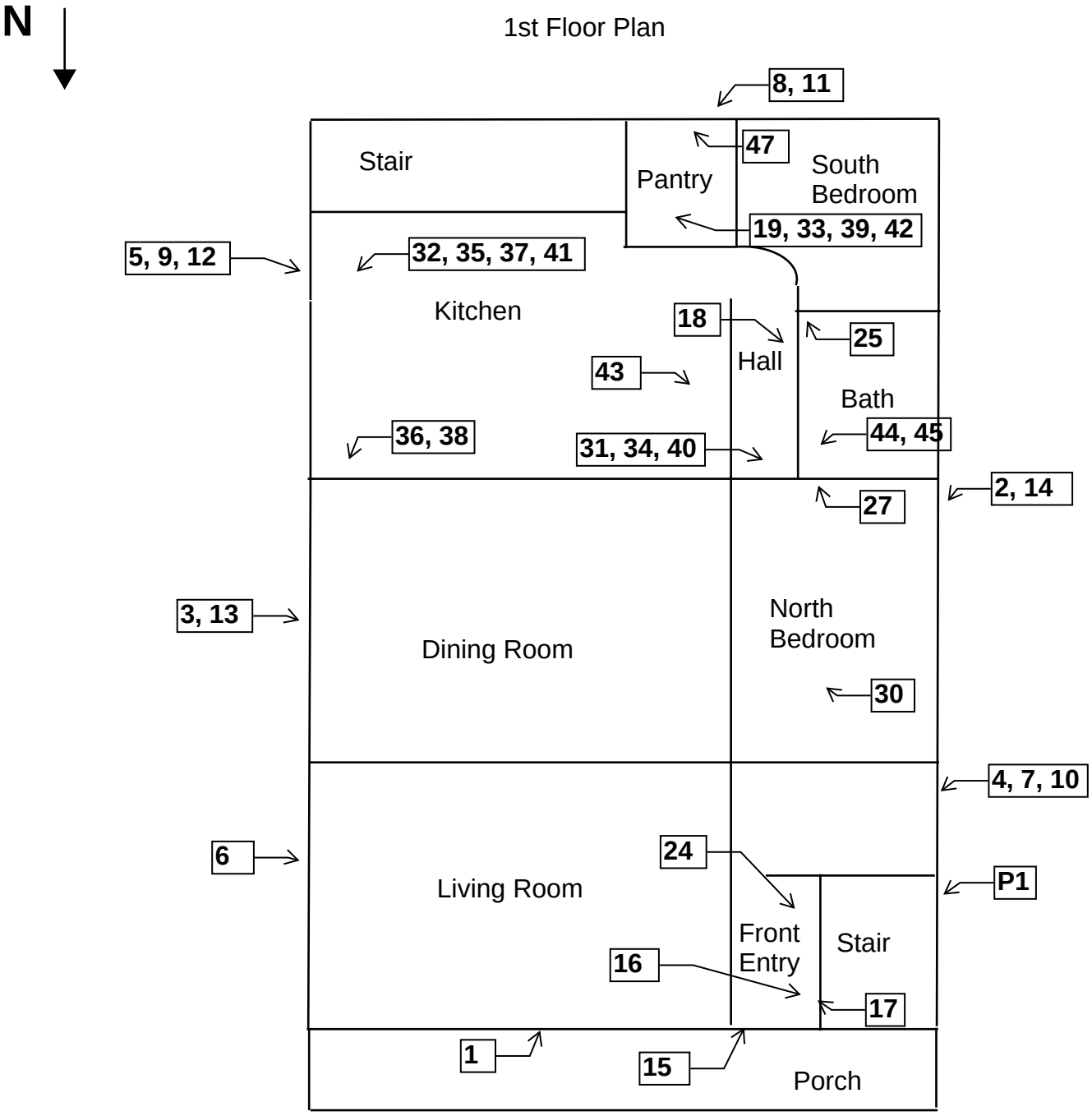
Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

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"

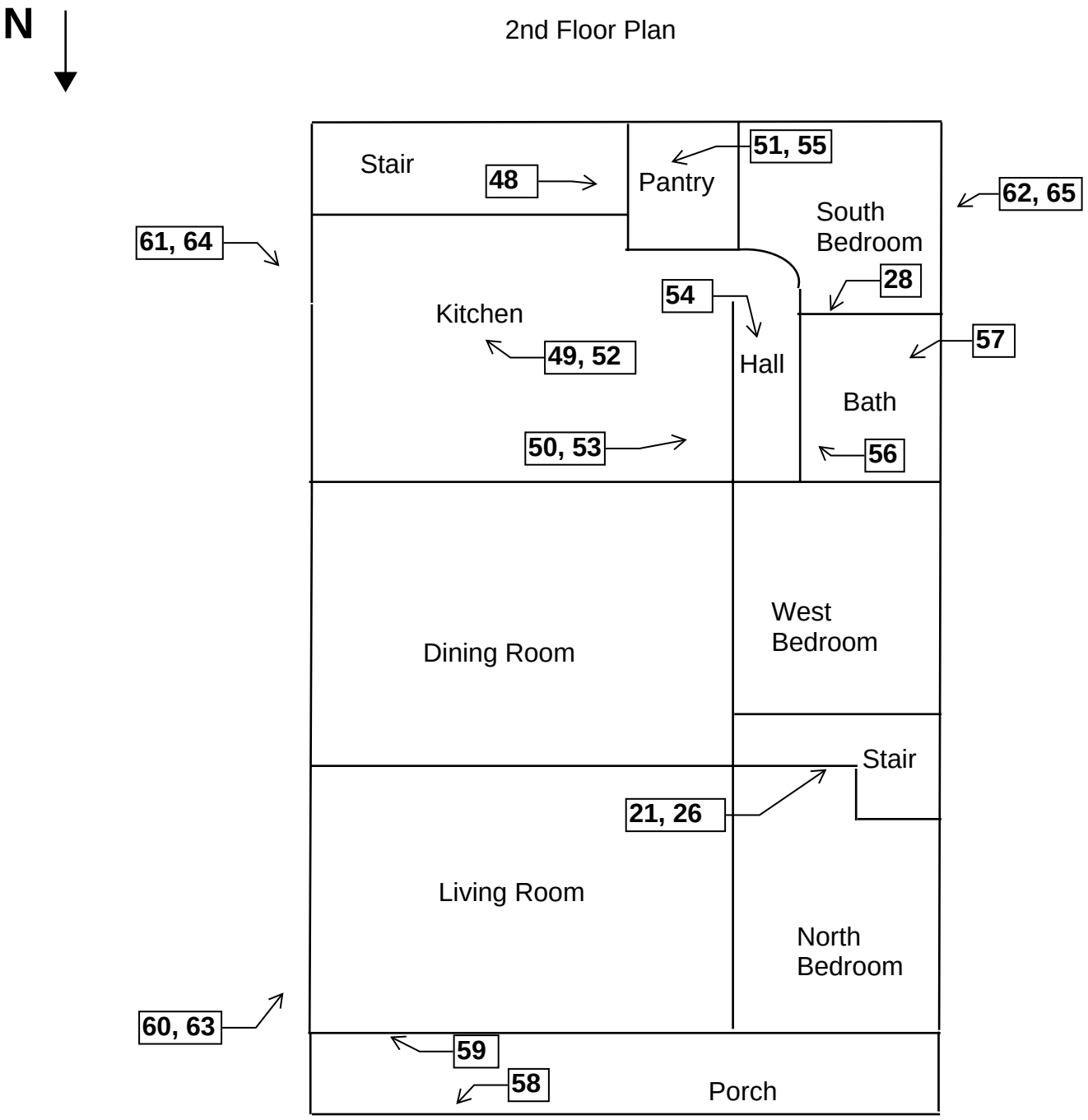
XI. FLOOR PLANS

Two Family Dwelling
2317-19 West Hopkins Street
Milwaukee, Wisconsin



Two Family Dwelling
2317-19 West Hopkins Street
Milwaukee, Wisconsin

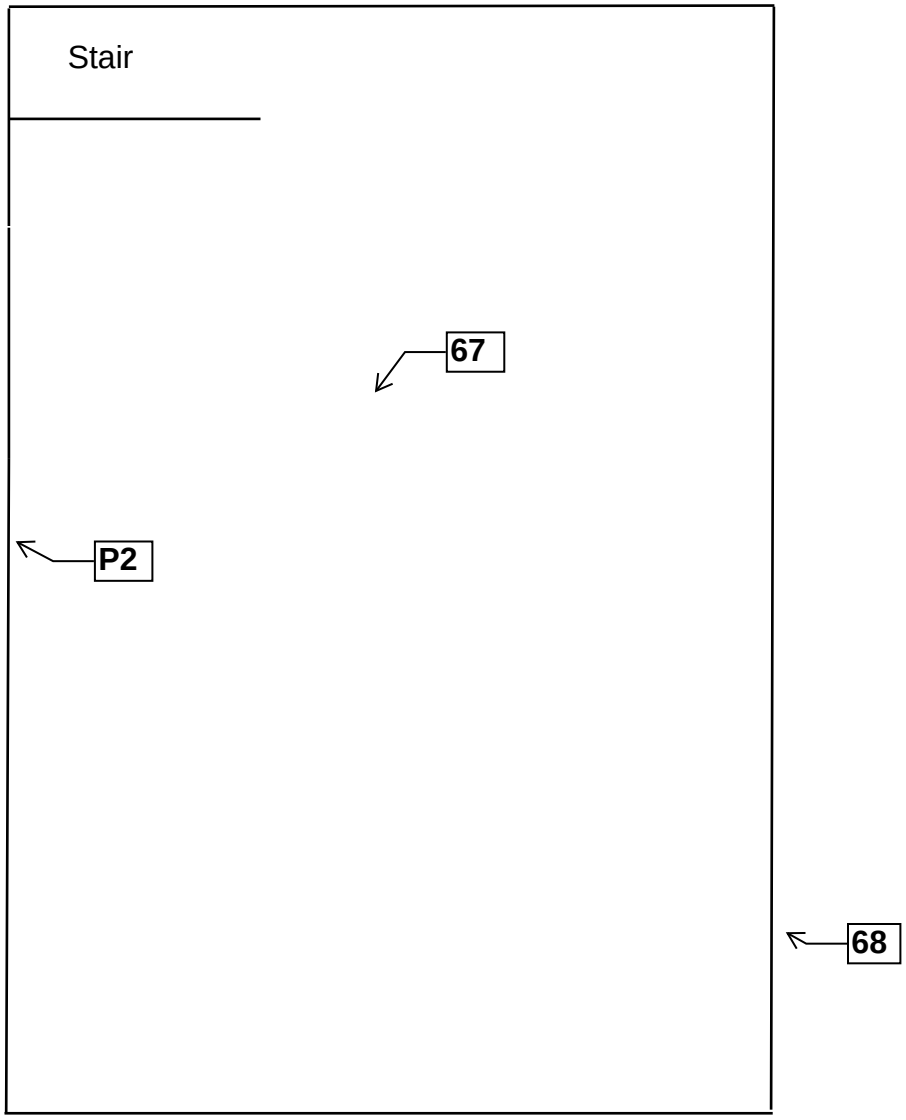
2nd Floor Plan



Two Family Dwelling
2317-19 West Hopkins Street
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:

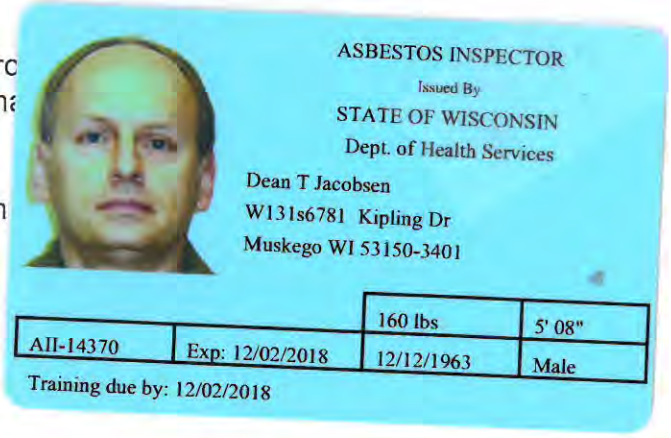
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

Policy Prohibiting Firearms and Dangerous Weapons in the Workplace

Department of Employee Relations
November 10, 2011
Revised February 27, 2012

Policy Statement

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

Definitions

Employee - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

Firearm or dangerous weapon – for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

(1) A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
(2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
(3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
(4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
(5) Any destructive device;
(6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
(7) An electric weapon such as a taser gun;
(8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
(9) Any knife *that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)*

Prohibitions

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the coursescope of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends;
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

Safety First

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area

and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

Report of Violations

Employee Violations
Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is presentconsistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with lawshould reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to an including discharge.

Visitor Violations
Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

Anti-Retaliation Provision

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

Roles and Responsibilities

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

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