OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR MECHANICAL DEMOLITION PROJECT OPENING 5-21-19 (CDBG)

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 in triplicate for furnishing all labor and materials and performing all work necessary for and incidental to the mechanical demolition of thirteen (13) primary buildings and five (5) secondary buildings located in the city of Milwaukee, Wisconsin, until **9:00 a.m.(central time)** on **Tuesday, May 21, 2019,** at which time all bids will be publicly opened and read. Any bids received after that time may be rejected and returned unopened.

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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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

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

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

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

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

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

The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (Section 3). The purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by Section 3, shall, to the greatest extent feasible, be directed to low-and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

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

May 2, 2019
May 3, 2019

BID DOCUMENTS

FOR

MECHANICAL DEMOLITION PROJECT

OPENING TUESDAY, MAY 21, 2019 (CDBG)

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, MAY 21, 2019

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

5.2.0. WORK BY OTHERS

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

5.3.0. WORK NOT INCLUDED IN CONTRACT

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

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

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

5.4.0. DEMOLITION WORK WITHIN PARCELS

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

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

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

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

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

5.5.0. SCHEDULE OF DRAWINGS

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

Parcel 1 —1622R South 3rd Street – 1.5-story frame 1-family REAR dwelling

Remove rear dwelling and concrete steps. Sidewalk extending to alley is to remain. 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 FOR MECHANICAL DEMOLITION. (4 days to complete)**

Parcel 2- 2437-39 North 15th Street – 2.5-story frame 2-family dwelling

Remove dwelling, sidewalks, concrete steps, trees, bushes and shrubs. The parking slab on the City-owned property at 2443 North 15th Street is also to be removed. 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 FOR MECHANICAL DEMOLITION. (4 days to complete)**

Parcel 3- 2812-14 North 15th Street – 2.5-story frame 2-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. There is no alley access to the building. 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 FOR MECHANICAL DEMOLITION. (4 days to complete)**

Parcel 4- 2130 South 17th Street – 1-story frame 2-family dwelling & 1-story frame garage

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

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 FOR MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 5- 2150A South 19th Street – 1-story frame REAR dwelling

Remove REAR dwelling only. 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 FOR MECHANICAL DEMOLITION. (4 days to complete)**

Parcel 6- 2018-20 North 34th Street – 2-story frame 2-family dwelling & 1-story frame garage

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

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 FOR MECHANICAL DEMOLITION. (11 days to complete)**

Parcel 7- 2528-30 North 39th Street – 2-story frame 2-family dwelling

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

The inspection report from Harenda Management Group is included. **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 FOR MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 8- 2231 West Cherry Street – 2-story frame 2-family dwelling & 1-story frame garage

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

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 FOR MECHANICAL DEMOLITION. (8 days to complete)**

Parcel 9- 2130 West Clarke Street – 2-story frame 2-family dwelling

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

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

Parcel 10- 2200-02 West Clarke Street – 2.5-story frame 2-family dwelling & 1-story frame garage

Remove dwelling and garage, garage slab, fences, sidewalks, retaining wall, concrete steps, trees, bushes and shrubs. There is one piece of concrete on west side of the building that appears to span over the property line. Contractor is to saw cut that sidewalk extension. 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 FOR MECHANICAL DEMOLITION. (6 days to complete)**

Parcel 11- 2213-15 West Clarke Street – 2.5-story frame 2-family dwelling

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

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 FOR MECHANICAL DEMOLITION. (5 days to complete)**

Parcel 12- 2724 West Clarke Street – 2.5-story frame 2-family dwelling & 1-story frame garage

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

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 FOR MECHANICAL DEMOLITION. (10 days to complete)**

Parcel 13- 730 West Greenfield Avenue – 2-story frame 2-family dwelling

Remove dwelling, retaining wall, fences, 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 FOR MECHANICAL DEMOLITION. (5 days to complete)**

DUE TO THE FUNDING SOURCE OF ALL PARCELS ON THIS BID, PARCELS MUST BE COMPLETED BY ESTABLISHED COMPLETION DATE ON RESULTING CONTRACT AND MUST BE INVOICED BY SEPTEMBER 1, 2019. LIQUIDATED DAMAGES IN THE AMOUNT OF $100 PER DAY WILL BE ASSESSED PER SECTION 4.3.15 OF THE DEMOLITION AND SITE CLEARANCE GENERAL SPECIFICATIONS FOR WORK NOT COMPLETED IN TIMELY MANNER.

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 ACTIVITIES 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 forms, 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. The contractor is responsible for any and all asbestos in buildings, and the cost should be included in bids at the time of bid opening.

Section 3 Participation Estimated Project Work Force Breakdown must be submitted with bid or within 3 calendar days of bid opening.

If any bidder has any questions as to the Bid Documents or Specifications, please contact this office by calling 414-286-2503.

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 thirteen (13) primary buildings and five (5) secondary buildings located in the City of Milwaukee, for Demolition Project opening May 21, 2019, (CDBG) 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 5-21-19 (CDBG)
LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
1	1622R South 3rd Street	1.5	frame	REAR dwelling	1	CITY	13,000
2	2437-39 North 15th Street	2.5	frame	dwelling	2	CITY	27,000
3	2812-14 North 15th Street	2.5	frame	dwelling	2	CITY	30,000
4	2130 South 17th Street	1	frame	dwelling	2	CITY	17,600
	2130 South 17th Street	1	frame	garage	-	CITY	4,000
5	2150A South 19th Street	1	frame	REAR dwelling	1	CITY	10,500
6	2018-20 North 34th Street	2	frame	dwelling	2	CITY	42,000
	2018-20 North 34th Street	1	frame	garage	-	CITY	6.160
7	2528-30 North 39th Street	2	frame	dwelling	2	CITY	37,500
8	2231 West Cherry Street	2	frame	dwelling	2	CITY	27,500
	2231 West Cherry Street	1	frame	garage	-	CITY	6,600
9	2130 West Clarke Street	2	frame	dwelling	2	CITY	32,000

MECHANICAL DEMOLITION PROJECT OPENING 5-21-19 (CDBG)
LOCATIONS AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Residential Units	Owner	Cubic Footage
10	2200-02 West Clarke Street	2.5	frame	dwelling	2	CITY	28,000
	2200-02 West Clarke Street	1	frame	garage	-	CITY	5,000
11	2213-15 West Clarke Street	2.5	frame	dwelling	2	CITY	32,000
12	2724 West Clarke Street	2.5	frame	dwelling	2	CITY	26,400
	2724 West Clarke Street	1	frame	garage	-	CITY	5,200
13	730 West Greenfield Avenue	2	frame	dwelling	2	CITY	20,000

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

CONTRACTOR MUST SUBMIT FORM WITH ALL ORIGINAL SIGNATURES.

BID BOND FORM

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

_____
(Name of Principal)

as PRINCIPAL, and

_____, as SURETY
(Name of Surety)

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

Parcel 1 _____ Dollars $_____

Parcel 2 _____ Dollars $_____

Parcel 3 _____ Dollars $_____

Parcel 4 _____ Dollars $_____

Parcel 5 _____ Dollars $_____

Parcel 6 _____ Dollars $_____

Parcel 7 _____ Dollars $_____

Parcel 8 _____ Dollars $_____

Parcel 9 _____ Dollars $_____

Parcel 10 _____ Dollars $_____

Parcel 11 _____ Dollars $_____

Parcel 12 _____ Dollars $_____

Parcel 13 _____ 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 5-21-19 (CDBG)
DEMOLITION OF 13 PRIMARY BUILDINGS AND 5 SECONDARY BUILDINGS

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

However, in the event that the Principal shall be awarded the contract, his/her Bid not being previously withdrawn in accordance with the instructions to Bidders, and if the Principal shall neglect or fail to execute such contract or to give sufficient surety or sureties within the time specified, or if no time be specified, within 14 days, then the Principal and/or surety shall forfeit to the Building Inspector as liquidated damages the amount of this bond.
Revised 1/01

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

In presence of:

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

Attest:

_____

_____(SEAL)
(Corporate Principal)

_____

_____
(Business Address)

By_____ affix corporate seal

_____

_____

Attest:

_____ _____

_____
(Corporate Surety)

Countersigned

by_____
Attorney-in-Fact

By_____ affix corporate Seal

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

FORM B (3/13)

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

BIDS DUE: 5-21-19 (CDBG)

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: _____

Dept. of Neighborhood Services
City of Milwaukee
Bid Opening 5-21-19 (CDBG)

PRICE BREAKDOWN

NO.	PARCEL ADDRESS	ASBESTOS ABATE-MENT	DEMO DWLG.	DEMO GARAGE	TOTAL
1	1622R South 3rd Street (rear dwelling)				
2	2437-39 North 15th Street (dwelling)				
3	2812-14 North 15th Street (dwelling)				
4	2130 South 17th Street (dwelling & garage)				
5	2150A South 19th Street (rear dwelling)				
6	2018-20 North 34th Street (dwelling & garage)				
7	2528-30 North 39th Street (dwelling)				
8	2231 West Cherry Street (dwelling & garage)				
9	2130 West Clarke Street (dwelling)				
10	2200-02 West Clarke Street (dwelling & garage)				
11	2213-15 West Clarke Street (dwelling)				
12	2724 West Clarke Street (dwelling & garage)				
13	730 West Greenfield Avenue (dwelling)				

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

SECTION 3 CLAUSE
(for inclusion in all section 3-covered contracts)

A. The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low-and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

B. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.

C. The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

D. The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 135.

E. The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 135.

F. Non compliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

G. With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act

(25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

The City of Milwaukee NSP1/NSP2 Program

Section 3 Business Certification

Section 3: Section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u; 42 U.S.C. 3535(d). Section 3 is now implemented in HUD's regulations as 24 CFR Part 135.

Purpose: "To ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State and local laws and regulations, be directed to low-and very low-income persons, particularly those who are recipients of government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons" [135.1]

Section 3 Business Criteria: Your business is eligible for Section 3 Certification if it meets any one of the following criteria. If your business meets one or more of these criteria; select "X" in the applicable criteria.

☐ 1. Fifty-one percent or more of your business is owned and managed by a Section 3 qualified person or persons. (See qualification guidelines below)

☐ 2. Thirty percent or more of your permanent, full-time employees are Section 3 qualified persons, or within three years of the date of their first employment with your business were Section 3 qualified persons.

☐ 3. You can provide evidence of a commitment to subcontract in excess of 25 percent of the dollar award of all subcontracts to be awarded to business concerns that meet the qualifications of (1) and (2) above.

Section 3 Person Criteria: A Section 3 qualified person must:

A. Reside in NSP1 or NSP2 target area, OR
B. Reside in The City of Milwaukee, AND
C. Earn no more than the following amounts (per family household) :

Family Size:	1 Person	2 Persons	3 Persons	4 Persons	5 Persons	6 Persons	7 Persons	8 Persons
Family income limit to qualify as "low-income" (i.e., 50% of median)	$24,900	$28,450	$32,000	$35,550	$38,400	$41,250	$44,100	$46,950
Family income limit to qualify as "low-income" (i.e., 80% of median)	$39,850	$45,550	$51,250	$56,900	$61,500	$66,050	$70,600	$75,150

Section 3 Statement: Please check the appropriate box below.

☐ My business is a Section 3 business in accordance with the criteria selected above under Section 3 Business Criteria.

☐ My business is not a Section 3 business.

Signature:		Date Signed:
Name:	Title:	
Company Name:		
Address:		
Telephone Number:		

Note: If you certify above that your business is a Section 3 business, and you qualify for award of the contract based on the preferences given to Section 3 businesses and described in the solicitation, The City of Milwaukee may request documentation and additional information as may be reasonably required to certify whether your business qualifies as a Section 3 business

If you have any questions about this form, please call your agency contact representative.

OFFICIAL NOTICE NUMBER _____

PROJECT DESCRIPTION _____

Section 3 Participation (see attached definition): Estimated Project Work Force Breakdown
[to be submitted with bid or within three (3) calendar days of bid opening]

Please supply the following information for all applicable job categories. Subcontractors are responsible for providing this information to the prime contractor.

Prime Contractor ☐ _____

Subcontractor ☐ _____

Job Category	Total Estimated Positions Needed For Project	# Of Positions Occupied By Permanent Employees	# Of Positions Not Occupied	# of Positions To Be Filled With Section 3 Residents
Officer/Supervisors				
Professionals				
Technical				
Office/Clerical				
Service Workers				
Others				
TRADE:				
Journeymen				
Helpers	NOTE: Helpers not allowed on this contract			
Apprentices				
Trainees	NOTE: Trainees not allowed on this contract			
Others				
TRADE:				
Journeymen				
Helpers	NOTE: Helpers not allowed on this contract			
Apprentices				
Trainees	NOTE: Trainees not allowed on this contract			
Others				
SUB-TOTALS (this sheet)				
FINAL TOTALS				

Contractor _____ SHEET _____ OF _____

Name _____ Title _____ Date _____

OFFICIAL NOTICE NUMBER _____

PROJECT DESCRIPTION_____

Section 3 Participation (see attached definition): Proposed Contracts/Subcontracts Breakdown
[to be submitted with bid or within three (3) calendar days of bid opening]

Contractor _____

Type Of Contract (Business Or Profession; indicate if labor, material, or both)	For			Total # Of Contracts	Total Approximate $ Amount	Estimated # Of Contracts To Section 3 Businesses	Estimated $ Amount to Section 3 Businesses
	Labor	Material	Both				

Contractor _____

Name _____ Title _____ Date _____

DEFINITIONS OF SECTION 3 BUSINESS AND RESIDENTS

(Excerpted from the Federal Register dated 6/30/94)

Contractors and subcontractors shall give to the greatest extent feasible, and consistent with existing Federal, State and local laws and regulations, job training, employment, contracting and other economic opportunities to Section 3 residents and Section 3 business concerns.

Section 3 Business Concern:

A Section 3 business concern is defined as a business:

1. that is 51% or more owned by Section 3 residents; or

2. whose permanent, full-time employees includes persons, at least 30% of whom are currently Section 3 residents, or within 3 years of the date of first employment with the business concern were Section 3 residents; or

3. that provides evidence of a commitment to subcontract in excess of 25% of the dollar award of all subcontracts to be awarded to business concerns that meet the qualifications of (1) and (2) above.

Priority - Contractors and subcontractors shall direct their efforts to award Section 3 covered contracts to the greatest extent feasible in the following order of priority:

1. Business concerns that are 51% or more owned by residents of the housing development or development for which the Section 3 covered assistance is expended, or whose full time, permanent workforce includes 30% of these persons as employees;

2. Business concerns that are 51% or more owned by residents of other housing development(s) managed by the housing authority or whose full time, permanent workforce includes 30% of these persons as employees; or

3. HUD Youthbuild programs being carried out in the metropolitan area;

4. Business concerns that are 51% or more owned by Section 3 residents, or whose permanent, full time workforce includes no less than 30% Section 3 residents.

A Section 3 business concern seeking a contract or subcontract shall submit evidence, if requested, sufficient to demonstrate that the business concern is responsible and has the ability to perform successfully under the terms and conditions of the proposed contract.

Section 3 Resident

Section 3 resident means:

1. A public housing resident; or

2. An individual who resides in the Milwaukee metropolitan area, and who is:

   i) A low-income person, as this term is defined in Section 3(b)(2) of the 1937 Act (42 U.S.C. 1437 a(b)(2). Section 3(b)(2) of the 1937 Act defines this term to mean families (including single persons) whose incomes do not exceed 80 percent of the median income for the area, as determined by the Secretary, with adjustments for smaller and larger families.

   ii) A very low-income person, as this term is defined in Section 3(b)(2) of the 1937 Act (42 U.S.C. 1437 a(b)(2). Section 3(b)(2) of the 1937 Act (42 U.S.C. 1437 a(b)(2)) defines this term to mean families (including single persons) whose incomes do not exceed 50 percent of the median income for the area, as determined by the Secretary, with adjustments for smaller and larger families.

3. A person seeking the training and employment preference provided by Section 3 bears the responsibility of providing evidence (if requested) that the person is eligible for the preference.

Priority - Contractors and subcontractors shall give to low-income and very low-income persons the training and employment opportunities generated by development assistance. Priority for employment and training shall be directed in the following order of priority:

1. Residents of the housing development(s) for which the assistance is expended.

2. Residents of other developments managed by the public housing agency.

3. Participants in Youthbuild programs being carried out in the metropolitan area.

4. Other Section 3 residents.

Table of Adjusted Median Income for Milwaukee County (effective 05/2010)

Number of persons in household	1	2	3	4	5	6	7	8
Family income limit to qualify as "low-income" (i.e., 50% of median)	$24,900	$28,450	$32,000	$35,550	$38,400	$41,250	$44,100	$46,950
Family income limit to qualify as "low-income" (i.e., 80% of median)	$39,850	$45,550	$51,250	$56,900	$61,500	$66,050	$70,600	$75,150

For assistance in identifying candidates for Section 3 resident employees, please reach your agency contact.

Updated 06/2010

Policy Prohibiting Firearms and Dangerous Weapons in the Workplace

Department of Employee Relations
November 10, 2011
Revised February 27, 2012

Policy Statement

The City of Milwaukee has a zero tolerance policy for firearms and dangerous weapons in the workplace. Accordingly, the City of Milwaukee prohibits employees from carrying or possessing a firearm or dangerous weapon while acting in the course and scope of their employment for and on behalf of the City of Milwaukee. This policy applies to all general city employees, including students, volunteers, staffing agency workers or contractors working in the course and scope of their employment with the City of Milwaukee.

Definitions

Employee - Employee includes any person, excluding law enforcement personnel, who performs services for the City of Milwaukee, either compensated or uncompensated.

Firearm or dangerous weapon – for purposes of this policy a firearm or dangerous weapon includes, but is not limited to, the following:

(1) A firearm, whether loaded or unloaded, from which a shot may be discharged including but not limited to handguns, pistols, revolvers, shotguns, rifles, and bb guns;
(2) A gun that can discharge a shot or a projectile by means of an explosive or gas, or compressed air;
(3) A device designed to be used as a weapon, from which can be expelled a projectile by the force of any explosion or force of combustion;
(4) Any weapon (including a starter gun) which will or is designed to or may readily be converted to expel a projectile by the action of an explosive;
(5) Any destructive device;
(6) Any device designed as a weapon and capable of producing great bodily harm, including but not limited to, stun guns, stun batons;
(7) An electric weapon such as a taser gun;
(8) Any combustible or flammable liquid, or other substance, device, or instrumentality that, in a manner it is used or intended to be used, is calculated or likely to produce death or great bodily harm, or any fire that is used to produce death or great bodily harm; and,
(9) Any knife *that is carried with intention or calculation to produce death or great bodily harm. Switchblades are specifically prohibited. (A Leatherman or other small pocket knife is permissible, as long as the blade is 3 inches or less in length. Knives intended to be used as eating utensils, and stored or maintained in office kitchens or lunchrooms do not represent a violation of this policy.)*

Prohibitions

Regardless of whether a city employee possesses a concealed weapons license or is allowed by law to possess a weapon, all employees are prohibited from possessing, transferring, carrying, selling and storing firearms or dangerous weapons while working on city property or while acting within the coursescope of their employment when not on City of Milwaukee property. This prohibition applies anywhere City business is conducted as summarized below:

- working on property owned, leased or controlled by the City;
- performing work for the City at any location including private residences and commercial establishments and other customer or client locations;
- driving or riding as a passenger in a city vehicle;
- attending trade shows, conferences, or training on behalf of the City;
- attending City of Milwaukee directed or sponsored activities or events (intended for city employees only and not the general public) independent of venue;
- Riding any type of mass transit while on City business;
- Working off-site on behalf of the City (excluding the employee's residence);
- performing emergency or on-call work for the City after normal business hours and on weekends;
- Attending training or conferences on behalf of the City.

City employees may possess, carry and store a firearm or dangerous weapon in their own motor vehicles if they have obtained the appropriate license as required by applicable state and federal laws. Employees who use a personal vehicle in the course and scope of their employment are required to keep the permitted firearm or dangerous weapon stored out of sight and in a secure location.

Violation of this Policy is considered a serious offense that endangers the safety of employees and others. Therefore, this any offense may result in severe disciplinary action up to and including discharge from employment. When appropriate a referral to law enforcement may be made which may result in criminal charges.

Safety First

In applying this policy, no employee shall take any action that will risk his or her own safety or the safety of other individuals. No attempt should ever be made by an employee to restrain or forcibly evict an armed person from City premises. Employees in facilities without a designated Police or security force may inform individuals carrying weapons of the law and ask for their compliance. This should be done in an informative, calm and non-confrontational manner. An individual's continued non-compliance after being properly informed of the law should result in notification to the Police Department. Employees in facilities with a designated Police or security force should make all attempts to defer intervention in concealed or open carry situations to those groups by contacting designated security personnel via established reporting mechanisms.

An employee who feels an immediate risk to his or her own safety or the safety or security of others, should avoid any interaction with the individual. Steps should be taken to secure their area

and immediately contact the Police Department by calling 9-911 and their assigned building security (where applicable).

Report of Violations

Employee Violations
Employees are required to report violations of this Policy without regard to the relationship between the individual who initiates the prohibited behavior and the individual reporting it.

An employee who believes that another employee may be in violation of this policy should report the alleged violation to the employee's manager or supervisor, the department head, or the appropriate departmental Human Resources representative.

The City will promptly investigate allegations of violations of this policy. Supervisors and managers are responsible for establishing and modifying procedures as necessary to carry out and comply with this Policy in accordance with applicable laws and City ordinances. Departments are responsible for implementing protocols for handling a prohibited weapon upon discovery.

The City reserves the right to authorize searches for prohibited weapons on its property when a violation is reported or when probable cause or reasonable suspicion is presentconsistent with law. Employees should be aware that there is no reasonable expectation of privacy with respect to weapons in the workplace. The City's right to conduct searches includes, but is not limited to, such areas and items as lockers, desks, workstations, purses, briefcases, bags, and toolboxes, and lunch bags. Searches of the employee's work area and belongings, as described above, *may* be conducted by the employee's supervisor and another member of management. Searches of all types, including surrounding City property, personal property and the employee may be conducted by law enforcement in accordance with lawshould reasonable suspicion be present. Any weapon found in violation of this Policy may be confiscated. Refusal to permit a search may result in discipline up to an including discharge.

Visitor Violations
Visitors to posted no-carry City facilities are not allowed to carry a weapon on the premises. If a visitor does bring a weapon into a City facility a determination will need to be made as to the level of risk the visitor carries.

Any visitor carrying a weapon into a posted no-carry City facility is creating an elevated risk to security and safety that warrants a response leading to compliance with the law. If the visitor poses an immediate risk to security or safety the Police Department should be notified immediately by calling 9-911. The visitor should be considered an immediate risk to safety and security if he/she is acting in an aggressive, belligerent, confrontational, suspicious or in an otherwise questionable manner while carrying a weapon.

Anti-Retaliation Provision

No employee or City official may retaliate against an employee who has reported a possible violation of this policy.

Roles and Responsibilities

Employees are responsible for understanding and complying with the Policy Prohibiting Firearms and Dangerous Weapons in the Workplace. Whenever there is a question as to whether an instrument, article or substance is considered a weapon in violation of this policy, it is the employee's responsibility to seek clarification. Employees seeking clarification should direct their questions to their Department Head or the City's Security Operations Manager at 286-2145 prior to bringing the item(s) to City work sites and events, as well as City-owned or leased facilities or vehicles.

City departments shall ensure that employees complete a statement acknowledging receipt and understanding of this policy.

175232

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

DECCONSTRUCTION INSPECTION REPORT
Job Site:

One Family Rear Dwelling
1622R South 3rd 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.: 18-400-024.1622R
Inspector: Damian Rogowski
Contract No.: 360-18-0975

Prepared by:

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

March 2018

Signature Page
Deconstruction Inspection Report
One Family Rear Dwelling
1622R South 3rd Street
Milwaukee, Wisconsin

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

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

March 12, 2018

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

RE: Deconstruction Inspection Report
1622R South 3rd Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 1622R South 3rd 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 a re-inspection at 1622R South 3rd Street, Milwaukee, Wisconsin, prior to deconstruction. The property had previously been inspected for mechanical demolition in September 2015. (Asbestos Inspection Report, October 6, 2015, Harenda Management Group). HMG conducted a visual re-inspection for asbestos and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected in roof flashing sampled during the re-inspection. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior 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 a re-inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family rear dwelling at 1622R South 3rd Street, Milwaukee, Wisconsin. The dwelling is a one story wood framed structure with basement. The house has 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 February 22, 2018, HMG conducted an asbestos re-inspection and lead inspection of a one family rear dwelling, scheduled for deconstruction, located at 1622R South 3rd Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300. This 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 remaining within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
4. Sampling of suspect lead painted masonry surfaces.

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

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

- Asphalt roofing
- Floor tile/mastic
- Roof flashing
- Tar paper

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
26	1st floor – kitchen – top layer – 12” green floor tile	Negative	MF12g
27a	1st floor – kitchen – bottom layer – 12” tan floor tile	Negative	MF12t
27b	1st floor – kitchen – bottom layer – under 12” tan floor tile – yellow mastic	Negative	MF12t
28	Roof – west side top layer – green asphalt shingle	Negative	MRSg
29a	Roof – north side top layer – green asphalt shingle	Negative	MRSg
29b	Roof – north side top layer – on green asphalt shingle – tar	Negative	MRSg
30	Roof – south side top layer – green asphalt shingle	Negative	MRSg
31	Roof – west side bottom layer – tar paper	Negative	MPT
32	Roof – north side bottom layer – tar paper	Negative	MPT
33	Roof – south side bottom layer – tar paper	Negative	MPT
34a	Roof – southeast corner – roof membrane	Negative	MRM
34b	Roof – southeast corner – under roof membrane – yellow mastic	Negative	MRM
35	**Roof – center at chimney – flashing**	**Positive 5% Chrysotile**	**MRF**

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
Roof Flashing	MRF	Roof at Chimney	8 SF	Fair

Note #1: The roof flashing 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 the roof flashing 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

MF12g 12" Green Floor Tile
MF12t 12" Tan Floor Tile
MRSg Green Asphalt Shingle
MPT Tar Paper
MRM Roof Membrane
MRF Flashing

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 1622R South 3rd Street, Milwaukee, Wisconsin, took place on February 22, 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: 1622R South 3rd Street, Milwaukee, Wisconsin

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

Exterior: 1622R South 3rd Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 1622R South 3rd Street, Milwaukee, Wisconsin **Date: 2/22/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	South Wall	Block	Gray	0.0155
P02	Basement	North Wall	Block	White	0.0187

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. 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. 291165
Account Number: B929
Date Received: 02/23/2018
Received By: Amber Bassett
Date Analyzed: 03/02/2018
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: 18-400-024.1622R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	26	Homogeneous	Green Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
002	27	Layered	Beige Floor Tile	Asbestos Not Present	NA		Vinyl CaCO3
002a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
003	28	Homogeneous	Gray Shingle	Asbestos Not Present	Glass Fiber	20	Tar Quartz
004	29	Layered	Gray Shingle	Asbestos Not Present	Glass Fiber	20	Tar Quartz
004a		Layered	Black Tar	Asbestos Not Present	NA		Tar
005	30	Homogeneous	Multi-Color Shingle	Asbestos Not Present	Glass Fiber	20	Tar Quartz

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. 291165
Account Number: B929
Date Received: 02/23/2018
Received By: Amber Bassett
Date Analyzed: 03/02/2018
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: 18-400-024.1622R

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	31	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
007	32	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
008	33	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
009	34	Layered	Black Membrane	Asbestos Not Present	NA	Rubber
009a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
010	35	Homogeneous	Gray/Black Sealant	Asbestos Present Chrysotile 5	Cellulose 10	Tar

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	291165	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	02/23/2018		
Received By:	Amber Bassett		
Date Analyzed:	03/02/2018	Project:	DNS
Analyzed By:	Carter Cox	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.1622R

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

Carter Cox

Carter W. Cox, Analyst

3/2/2018

Date of Report

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

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

QUANTEM LABORATORIES
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.	
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:	18-400-024.1622R
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	2/22/18 1700	FedEx	Amber Bassett 9:20	2-23-18

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	26	☒				
2	27	☐				
3	28	☐				
4	29	☐				
5	30	☐				
6	31	☐				
7	32	☐				
8	33	☐				
9	34	☐				
10	35	☑				

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. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 291227
Date Received: 02/26/18
Received By: Katie Davis
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 03/05/18

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.: 18-400-024.1622R

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.0155	0.00492	%	03/05/18 15:42	P EPA 7000B (1)
002	P02	Paint	Lead	0.0187	0.0049	%	03/05/18 15:42	P EPA 7000B (1)

Authorized Signature:

Cherry Rossen, Technical Manager

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 291227	
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:	18-400-024.1622R

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	2/22/18 1700	FedEx	[signature] 9:20	2-23-18

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	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

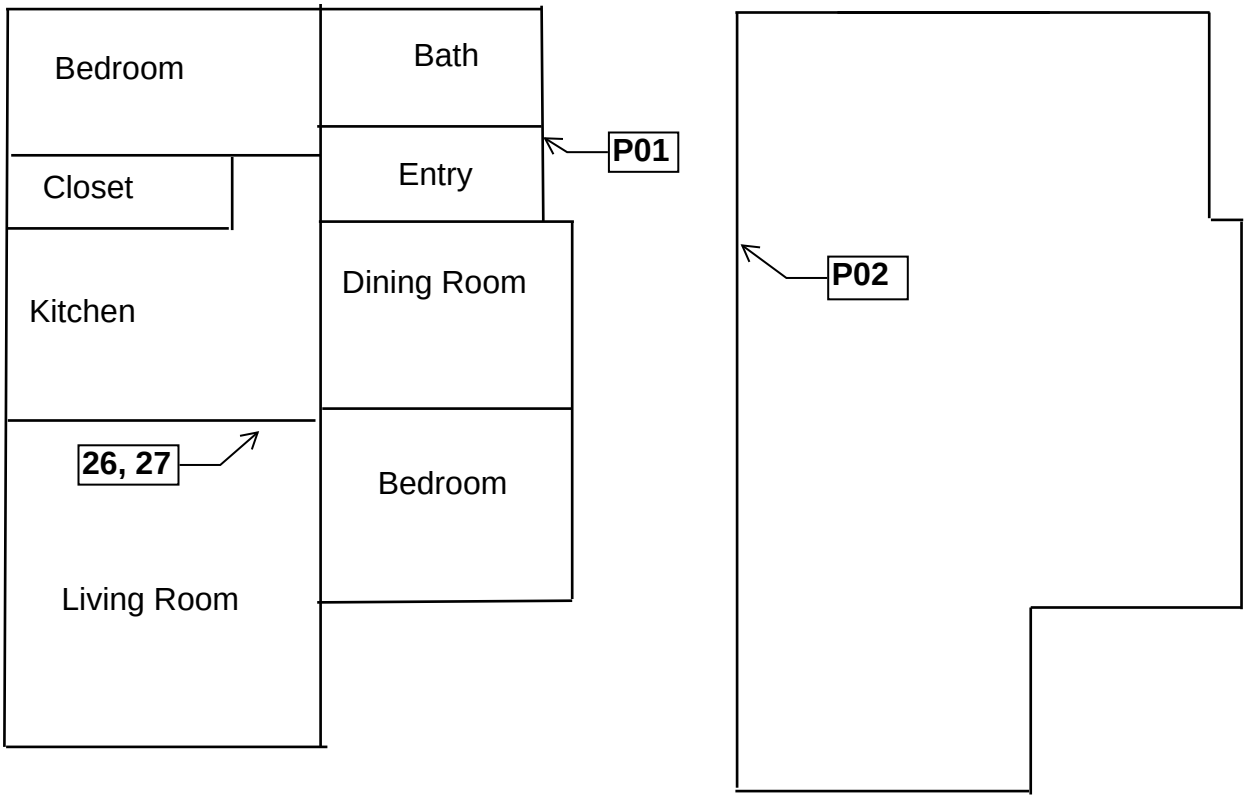
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. FLOOR PLANS

One Family Rear Dwelling
1622R South 3rd Street
Milwaukee, Wisconsin

N

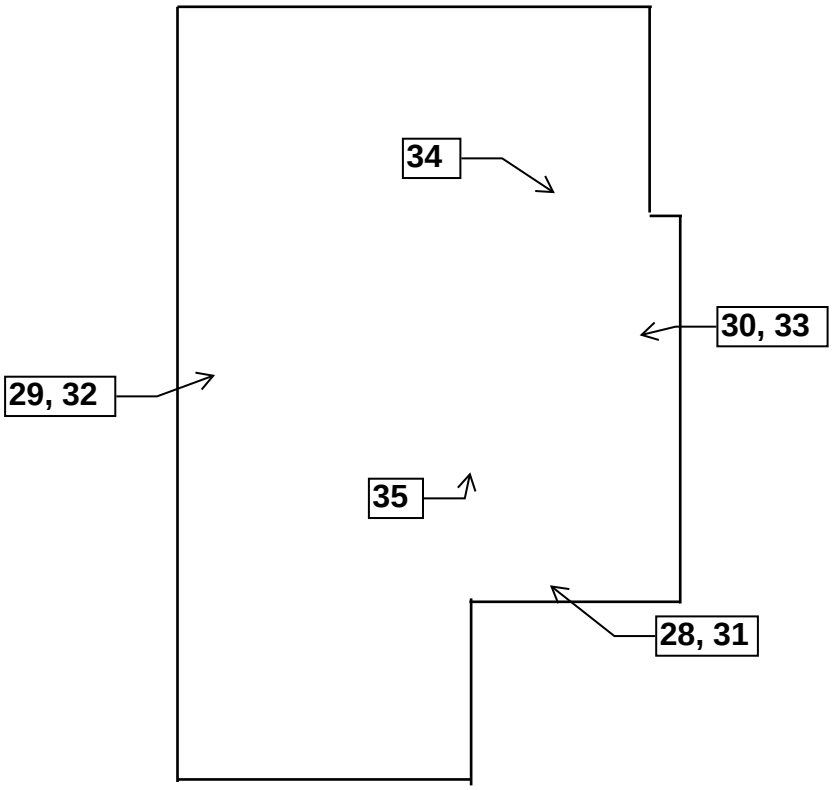
1st Floor & Basement



One Family Rear Dwelling
1622R South 3rd Street
Milwaukee, Wisconsin

N

Roof



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

February 1, 2018

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

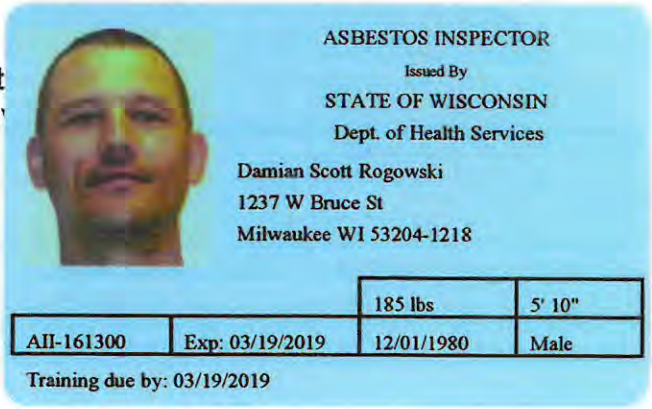
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2437-39 North 15th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 18-400-024.2437-39
Inspector: Jazmin Spears
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
Two Family Dwelling
2437-39 North 15th Street
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

October 8, 2018

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

RE: Deconstruction Inspection Report
2437-39 North 15th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2437-39 North 15th 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 2437-39 North 15th 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 in basement duct wrap sampled during the re-inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Painted masonry was not observed during the inspection and no samples were collected. Paint inspection results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2437-39 North 15th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl, asphalt, and wood 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 August 30, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2437-39 North 15th Street, Milwaukee, Wisconsin. The inspection was conducted by Jazmin Spears, Wisconsin License No. AII - 111055 and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Asphalt shingle siding
- Paper insulation
- Caulk
- Texture
- Drywall/joint compound
- Linoleum
- Floor tile
- Duct wrap
- Flue packing
- 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. Bold values below indicate that the material contains more than 1% asbestos. Refer to 29 CFR 1926.1101 (Construction) and 29 CFR 1910.1001 (General Industry) for specific OSHA requirements.

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
2a	Exterior – west wall under vinyl siding – on asphalt shingle siding – tar	Negative	MSS
2b	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
3	Exterior – north wall under vinyl siding – asphalt shingle siding	Negative	MSS
4	Exterior – south wall under wood siding – paper insulation	Negative	MPI
5	Exterior – west wall under wood siding – paper insulation	Negative	MPI
6	Exterior – north wall under wood siding – paper insulation	Negative	MPI
7	Exterior – on south window – white caulk	Negative	MCLKw
8	Exterior – on west window – white caulk	Negative	MCLKw
9	Exterior – on north window – white caulk	Negative	MCLKw
10	1st floor – hall – on ceiling – texture	Negative	STX
11	1st floor – dining room – on west wall – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
12	2nd floor – bathroom – on east wall – texture	Negative	STX
13a	1st floor – living room – south wall – joint compound	Negative	MDW
13b	1st floor – living room – south wall – drywall	Negative	MDW
14a	1st floor – kitchen – ceiling – joint compound	Negative	MDW
14b	1st floor – kitchen – ceiling – drywall	Negative	MDW
15a	2nd floor – west bedroom – south wall – joint compound	Negative	MDW
15b	2nd floor – west bedroom – south wall – drywall	Negative	MDW
15c	2nd floor – west bedroom – south wall – under drywall – backing	Negative	MDW
16a	1st floor – kitchen – white linoleum	Negative	MFLw
16b	1st floor – kitchen – under white linoleum – yellow mastic	Negative	MFLw
17	1st floor – bathroom – black linoleum	Negative	MFLk
18	2nd floor – kitchen – 12” beige floor tile	Negative	MF12e
18	2nd floor – kitchen – under 12” beige floor tile – brown mastic	Negative	MF12e
18	2nd floor – kitchen – under brown mastic – leveling compound	Negative	MF12e
19a	2nd floor – bathroom – beige linoleum	Negative	MFLe
19b	2nd floor – bathroom – under beige linoleum – yellow mastic	Negative	MFLe
20	Basement – stair – 12” green floor tile	Negative	MF12g
21	**Basement – north side on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
22	**Basement – east side on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
23	**Basement – on furnace – duct wrap**	**Positive 60% Chrysotile**	**TDW**
24	Basement – on chimney – flue packing	Negative	TFP
25	1st floor – kitchen – north wall – plaster	Negative	SPl
26	1st floor – west bedroom – north wall – plaster	Negative	SPl
27	1st floor – east bedroom – west wall – plaster	Negative	SPl
28	2nd floor – kitchen – east wall – plaster	Negative	SPl
29	2nd floor – west bedroom – south wall – plaster	Negative	SPl
30a	Roof – north side top layer – gray and black asphalt shingle	Negative	MRSyk
30b	Roof – north side top layer – on black asphalt shingle – tar	Negative	MRSyk
30c	Roof – north side 2nd layer – black asphalt shingle	Negative	MRSk
30d	Roof – north side 3rd layer – brown and black asphalt shingle	Negative	MRSnk
31a	Roof – south side top layer – gray and black asphalt shingle	Negative	MRSyk
31b	Roof – south side top layer – black asphalt shingle	Negative	MRSk
31c	Roof – south side top layer – brown and black asphalt shingle	Negative	MRSn
32a	Roof – east side top layer – gray and black asphalt shingle	Negative	MRSyk
32b	Roof – east side top layer – black asphalt shingle	Negative	MRSk
32c	Roof – east side top layer – brown and black asphalt shingle	Negative	MRSn
33	1st floor – living room – on north window – glazing compound	Negative	MPG
34	2nd floor – kitchen – on south window – glazing compound	Negative	MPG
35	Basement – on east window – glazing compound	Negative	MPG

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	Basement on Ducts & Furnace	100 SF	Poor

Assumed Asbestos Containing Materials

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

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

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 c ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MSS	Asphalt Shingle Siding
MCB2	Concrete Block #2
MPI	Paper Insulation
MCLKw	White caulk
MDW	Drywall/Joint Compound
MFLw	White Linoleum
MFLk	Black Linoleum
MFLe	Beige Linoleum
MF12e	12” Beige Floor Tile
MF12g	12” Green Floor Tile
MRSyk	Gray & Black Asphalt Shingle
MRSk	Black Asphalt Shingle
MRSnk	Brown & Black Asphalt Shingle
MPG	Glazing Compound
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 at 2437-39 North 15th Street, Milwaukee, Wisconsin, took place on August 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. No samples were collected.

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

B. Component Testing Results

Interior: 2437-39 North 15th Street, Milwaukee, Wisconsin

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

Exterior: 2437-39 North 15th Street, Milwaukee, Wisconsin

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

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299010
Account Number: B929
Date Received: 09/06/2018
Received By: Katie Davis
Date Analyzed: 09/14/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2437-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black/Gray Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
002	2	Layered	White/Black Tar	Asbestos Not Present	Cellulose	3	Tar CaCO3 Sand
002a		Layered	Black/Gray Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
003	3	Homogeneous	Black/Gray Roofing	Asbestos Not Present	Cellulose	70	Tar Sand
004	4	Homogeneous	Tan/Black Paper	Asbestos Not Present	Cellulose	95	Binder
005	5	Homogeneous	Yellow Paper	Asbestos Not Present	Cellulose	100	
006	6	Homogeneous	Yellow/Black Paper	Asbestos Not Present	Cellulose	95	Binder

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

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	7	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
008	8	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
009	9	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
010	10	Homogeneous	White Texture	Asbestos Not Present	NA	Gypsum Paint
011	11	Homogeneous	White Texture	Asbestos Not Present	NA	Gypsum Paint
012	12	Homogeneous	White Texture	Asbestos Not Present	NA	Gypsum Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013	13	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Perlite
013a		Layered	White Sheetrock	Asbestos Not Present	Glass Fiber	5	Gypsum
014	14	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Perlite
014a		Layered	White Sheetrock	Asbestos Not Present	Glass Fiber	5	Gypsum
015	15	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum Perlite
015a		Layered	White Sheetrock	Asbestos Not Present	Glass Fiber	5	Gypsum
015b		Layered	Yellow/White Backing	Asbestos Not Present	Wollastonite Glass Fiber	5 80	CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
016	16	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
016a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
017	17	Homogeneous	Gray/Black Sheet Vinyl	Asbestos Not Present	Glass Fiber	10	CaCO3 Vinyl
018	18	Layered	Beige Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
018a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
018b		Layered	Red Leveling Compound	Asbestos Not Present	Cellulose	10	CaCO3 Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Layered	Beige Sheet Vinyl	Asbestos Not Present	Glass Fiber 8	CaCO3 Vinyl
019a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
020	20	Homogeneous	Black/Tan Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
021	21	Homogeneous	Tan/Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
022	22	Homogeneous	Tan/Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
023	23	Homogeneous	Tan/Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
024	24	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Gypsum Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
025	25	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
026	26	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
027	27	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
028	28	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
029	29	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
030	30	Layered	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2437-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
030a		Layered	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
030b		Layered	Black Tar	Asbestos Not Present	NA		Tar
030c		Layered	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
030d		Layered	Brown/Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
031	31	Layered	Gray/Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
031a		Layered	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299010
Account Number: B929
Date Received: 09/06/2018
Received By: Katie Davis
Date Analyzed: 09/14/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2437-39

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
031b		Layered	Green/Red Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
032	32	Layered	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
032a		Layered	Gray/Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
032b		Layered	Brown/Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
033	33	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
034	34	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3
035	35	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	299010	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	09/06/2018		
Received By:	Katie Davis		
Date Analyzed:	09/14/2018	Project:	DNS
Analyzed By:	Benjamin Hill	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2437-39

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

Benjamin Hill

Benjamin Hill, Laboratory Technician

9/14/2018

Date of Report

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

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

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

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QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	299010
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:	18-400-024.2437-39
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	9/5/18 1800	FedEx	[signature]	9-6-18 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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www.QuanTEM.com

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299070
Accept Reject

Project Information

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

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

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 209010
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		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

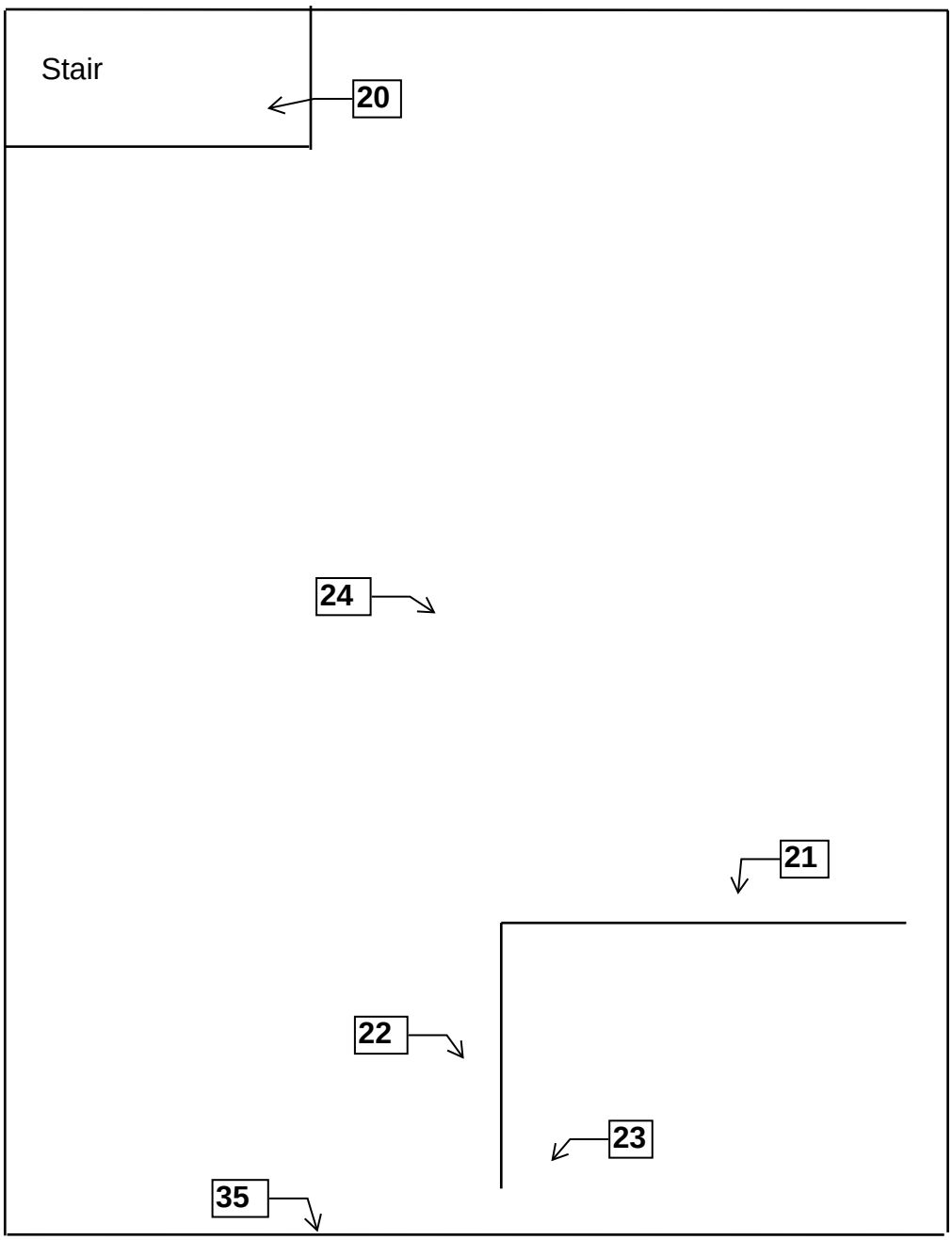
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. FLOOR PLANS

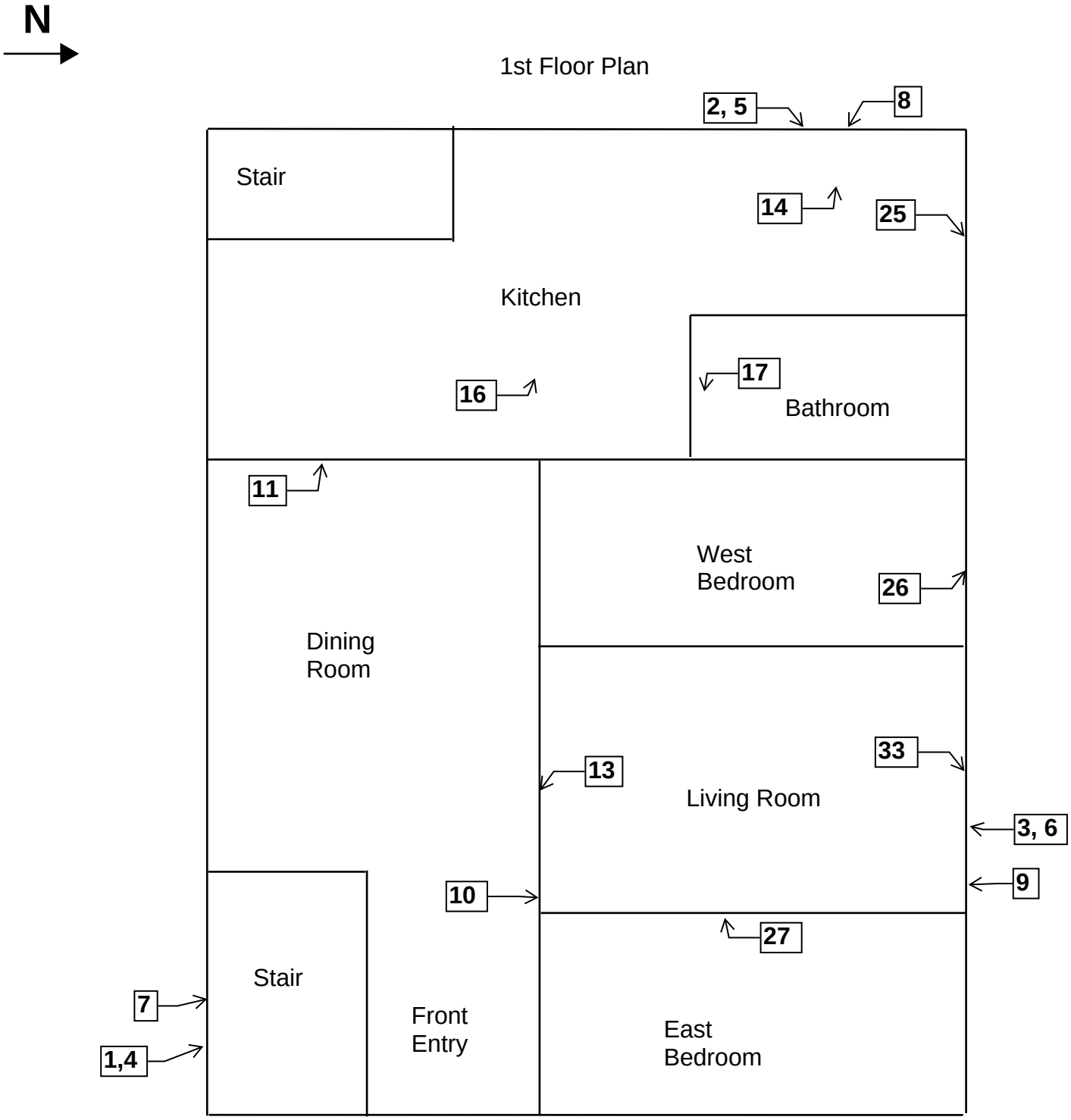
Two Family Dwelling
2437-39 North 15th Street
Milwaukee, Wisconsin

N

Basement Floor Plan



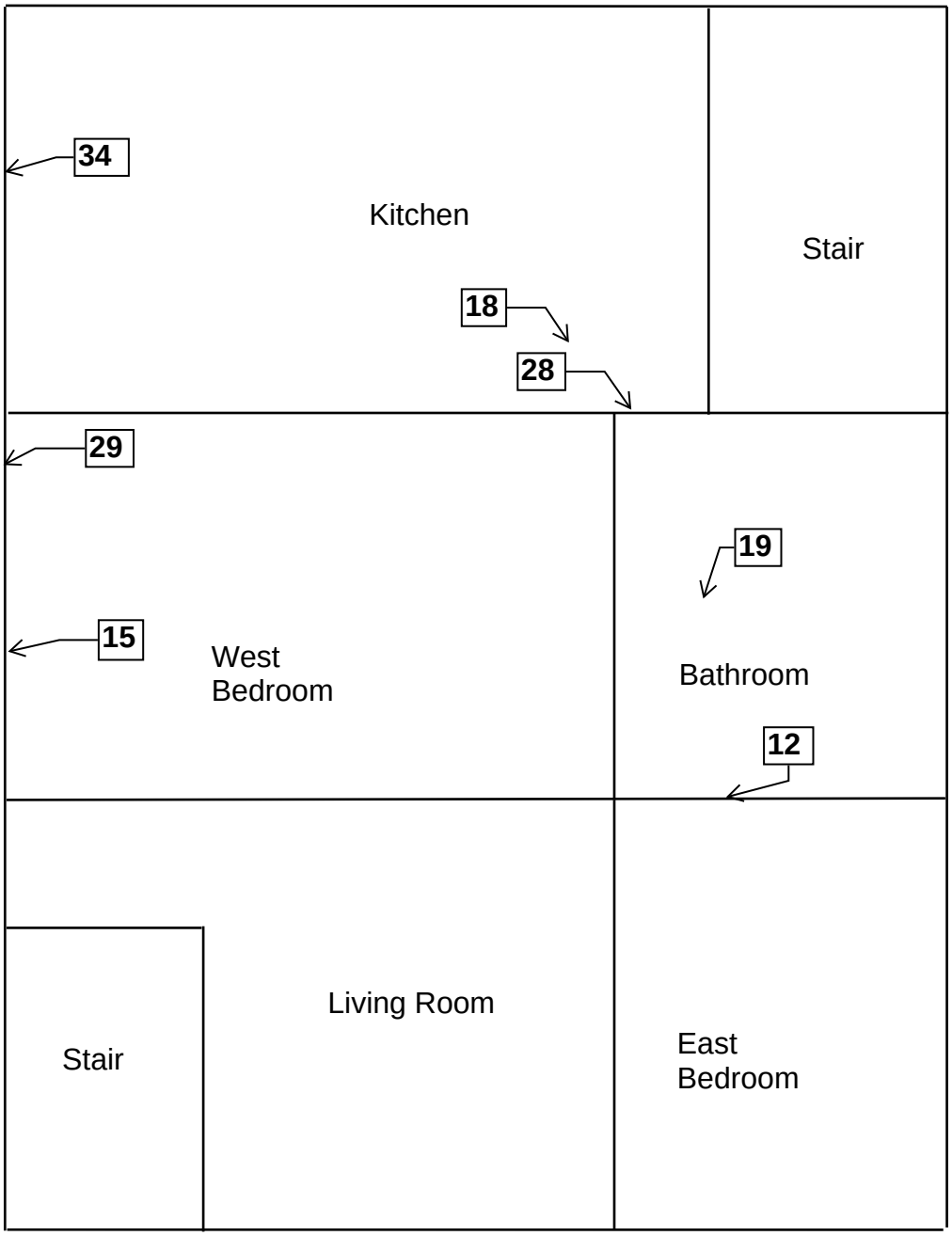
Two Family Dwelling
2437-39 North 15th Street
Milwaukee, Wisconsin



Two Family Dwelling
2437-39 North 15th Street
Milwaukee, Wisconsin

N

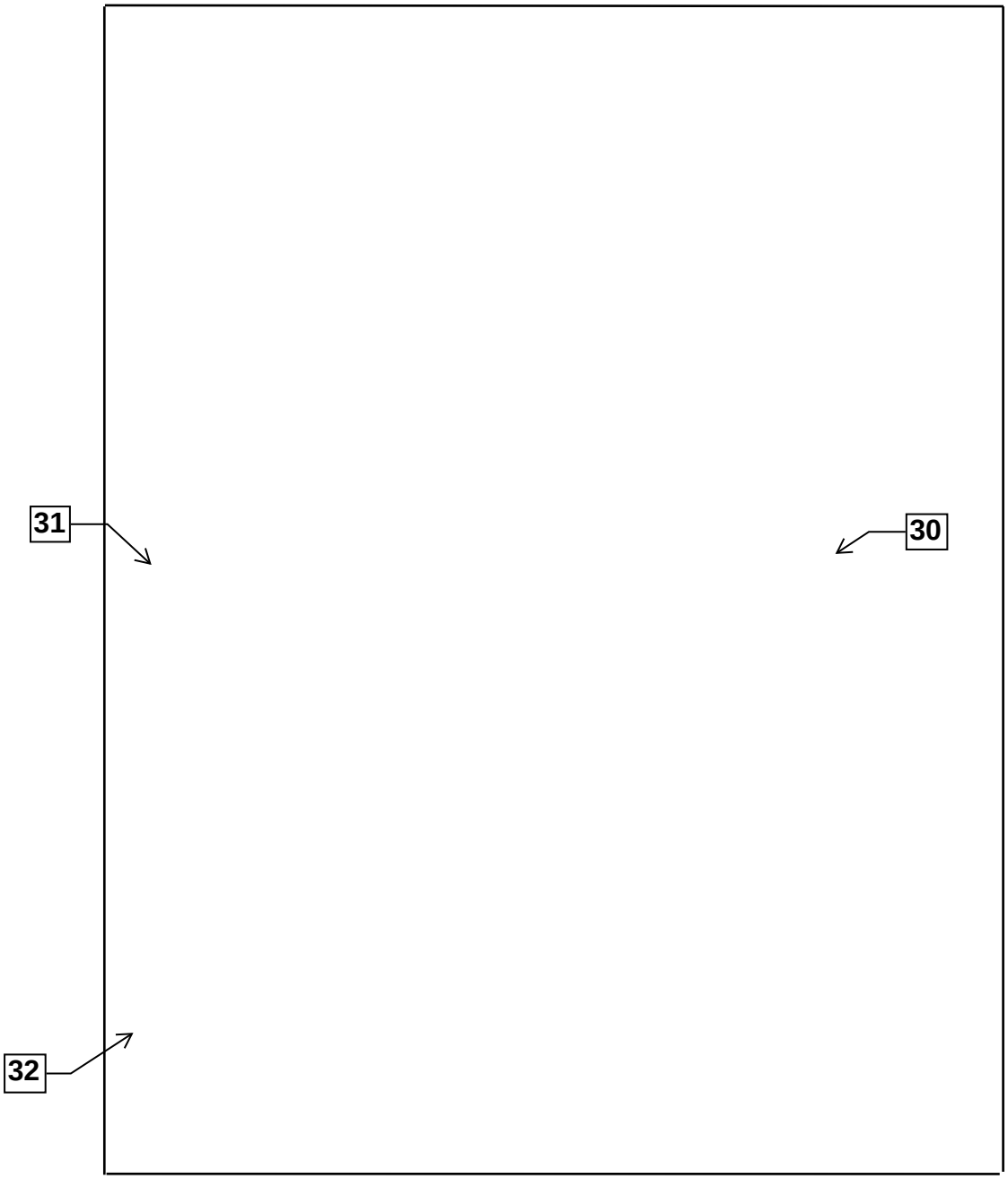
2nd Floor Plan



Two Family Dwelling
2437-39 North 15th Street
Milwaukee, Wisconsin

N

Attic/Roof Floor Plan



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

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:

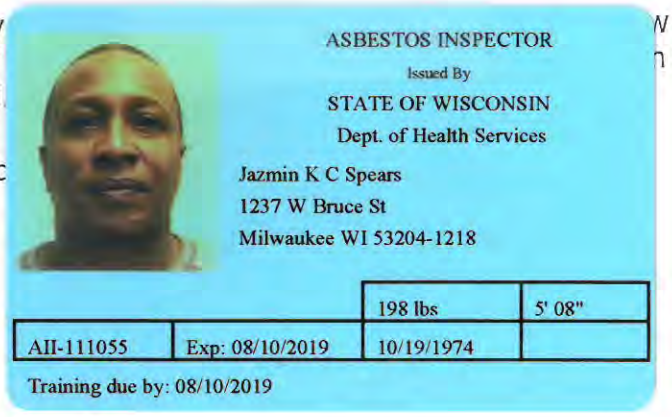
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos 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
2812-14 North 15th Street
Milwaukee, Wisconsin

For:

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

HMG Report No.: 18-400-024.2814-16
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

August 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2812-14 North 15th Street
Milwaukee, Wisconsin

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

August 10, 2018

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

RE: Deconstruction Inspection Report
2812-14 North 15th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2812-14 North 15th 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 2812-14 North 15th 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 duct wrap and flue packing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Asbestos was detected below 1% in tar on asphalt roof shingles. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior brick basement walls and basement concrete 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 two family dwelling at 2812-14 North 15th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On July 5, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2812-14 North 15th Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Paper insulation
- Blown in insulation
- Asphalt rolled roofing
- Tar paper
- Texture
- Plaster
- Drywall/joint compound
- Duct wrap
- Ceramic tile
- Concrete board
- Linoleum
- Floor tile
- Caulk

- Window glazing compound
- Flue packing
- Asphalt roof shingles
- Ceiling tile
- 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 – west wall under wood siding – black paper insulation	Negative	MPIk
2	Exterior – south wall under wood siding – black paper insulation	Negative	MPIk
3	Exterior – east wall under wood siding – black paper insulation	Negative	MPIk
4	Exterior – south wall – blown in insulation	Negative	MBI
5	Exterior – east wall – blown in insulation	Negative	MBI
6	Exterior – north wall – blown in insulation	Negative	MBI
7	Roof – southeast addition top layer – brown asphalt rolled roofing	Negative	MRRn

Sample #	Location and Description	Results	Homogeneous Code
8	Roof – southeast addition bottom layer – tar paper	Negative	MPT
9	1st floor – dining room – on south wall – texture	Negative	STX
10a	1st floor – west bedroom – on south wall – texture	Negative	STX
10b	1st floor – west bedroom – on south wall – texture layer 2	Negative	STX
11	1st floor – kitchen – on west wall – texture	Negative	STX
12	1st floor – rear stair – on north wall – texture	Negative	STX
13	1st floor – hall – on north wall – texture	Negative	STX
14	1st floor – dining room – north wall – plaster	Negative	SPl
15	1st floor – west bedroom – north wall – plaster	Negative	SPl
16	1st floor – east bedroom closet – south wall – plaster	Negative	SPl
17	2nd floor – kitchen – west wall – plaster	Negative	SPl
18	2nd floor – east bedroom – east wall – plaster	Negative	SPl
18A	Attic – north bedroom – south wall – plaster	Negative	SPl
18B	Attic – south bedroom – north wall – plaster	Negative	SPl
19a	1st floor – living room – south wall – joint compound	Negative	MDW
19b	1st floor – living room – south wall – drywall	Negative	MDW
20a	1st floor – bathroom – ceiling – joint compound	Negative	MDW
20b	1st floor – bathroom – ceiling – drywall	Negative	MDW
21a	1st floor – east bedroom – east wall – joint compound	Negative	MDW
21b	1st floor – east bedroom – east wall – drywall	Negative	MDW
22	**1st floor – living room – on south wall duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
23a	1st floor – kitchen floor – top layer – tan ceramic tile	Negative	MCTMt
23b	1st floor – kitchen floor – top layer – grout	Negative	MCTMt
23c	1st floor – kitchen floor – top layer – under tan ceramic tile – gray mastic	Negative	MCTMt
24a	1st floor – hall floor – top layer – tan ceramic tile	Negative	MCTMt
24b	1st floor – hall floor – top layer – grout	Negative	MCTMt
24c	1st floor – hall floor – top layer – under tan ceramic tile – gray mastic	Negative	MCTMt
25a	1st floor – pantry floor – top layer – tan ceramic tile	Negative	MCTMt
25b	1st floor – pantry floor – top layer – grout	Negative	MCTMt
25c	1st floor – pantry floor – top layer – under tan ceramic tile – gray mastic	Negative	MCTMt
26	1st floor – kitchen floor – 2nd layer – concrete board	Negative	MCB
27	1st floor – hall floor – 2nd layer – concrete board	Negative	MCB
28	1st floor – pantry floor – 2nd layer – concrete board	Negative	MCB
29a	1st floor – kitchen – west side 3rd layer – 12” green floor tile	Negative	MF12g
29b	1st floor – kitchen – west side 3rd layer – under 12” green floor tile – yellow mastic	Negative	MF12g
30	1st floor – bathroom top layer – 12” pink and cream floor tile	Negative	MF12pc
31	1st floor – bathroom 3rd layer – tan and gray linoleum	Negative	MFLty
32	1st floor – bathroom 4th layer – 12” brown and gray floor tile	Negative	MF12ny
32A	2nd floor – kitchen 3rd layer – 12” brown and gray floor tile	Negative	MF12ny
32B	2nd floor – pantry 3rd layer – 12” brown and gray floor tile	Negative	MF12ny
33	1st floor – bathroom 6th layer – 12” white and gray floor tile	Negative	MF12wy
34a	1st floor – bathroom 7th layer – 12” green and cream floor tile	Negative	MF12gc
34b	1st floor – bathroom 7th layer – under 12” green and cream floor tile – brown mastic	Negative	MF12gc
34Aa	2nd floor – kitchen 4th layer – on 12” green and cream floor tile – brown mastic	Negative	MF12gc
34Ab	2nd floor – kitchen 4th layer – 12” green and cream floor tile	Negative	MF12gc

Sample #	Location and Description	Results	Homogeneous Code
34Ac	2nd floor – kitchen 4th layer – under 12” green and cream floor tile – yellow mastic	Negative	MF12gc
34Ba	2nd floor – pantry 4th layer – on 12” green and cream floor tile – yellow mastic	Negative	MF12gc
34Bb	2nd floor – pantry 4th layer – 12” green and cream floor tile	Negative	MF12gc
34Bc	2nd floor – pantry 4th layer – under 12” green and cream floor tile – yellow mastic	Negative	MF12gc
35	1st floor – bathroom – on west wall under wood panel – tan mastic	Negative	MPMt
36	1st floor – bathroom – on west wall under wood panel – cream mastic	Negative	MPMc
37	1st floor – pantry floor bottom layer – gray paper insulation	Negative	MPIy
38	1st floor – bathroom – on north window – cream caulk	Negative	MCLKc
39	1st floor – west bedroom – on north window – glazing compound	Negative	MPG
40	2nd floor – living room – on west window – glazing compound	Negative	MPG
41	Basement – on south window – glazing compound	Negative	MPG
42a	2nd floor – kitchen – center top layer – 12” blue floor tile	Negative	MF12b
42b	2nd floor – kitchen – center top layer – under 12” blue floor tile – yellow mastic	Negative	MF12b
43a	2nd floor – kitchen – south center top layer – 12” gray floor tile	Negative	MF12y
43b	2nd floor – kitchen – south center top layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
44a	2nd floor – pantry – top layer – 12” gray floor tile	Negative	MF12y
44b	2nd floor – pantry – top layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
45a	2nd floor – hall – top layer – 12” gray floor tile	Negative	MF12y
45b	2nd floor – hall – top layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
46a	2nd floor – kitchen – 5th layer center – on yellow linoleum – yellow mastic	Negative	MFLl
46b	2nd floor – kitchen – 5th layer center – yellow linoleum	Negative	MFLl
46c	2nd floor – kitchen – 5th layer center – under yellow linoleum – yellow mastic	Negative	MFLl
46d	2nd floor – kitchen – 6th layer center – tan linoleum	Negative	MFLt
46e	2nd floor – kitchen – 6th layer center – under tan linoleum – brown mastic	Negative	MFLt
46f	2nd floor – kitchen – 7th layer center – brown linoleum – brown mastic	Negative	MFLn
46g	2nd floor – kitchen – 7th layer center – under brown linoleum – brown mastic	Negative	MFLn
47a	2nd floor – kitchen – 5th layer southeast – on yellow linoleum – yellow mastic	Negative	MFLl
47b	2nd floor – kitchen – 5th layer southeast – yellow linoleum	Negative	MFLl
47c	2nd floor – kitchen – 5th layer southeast – under yellow linoleum – yellow mastic	Negative	MFLl
47d	2nd floor – kitchen – 6th layer southeast – tan linoleum	Negative	MFLt
47e	2nd floor – kitchen – 6th layer southeast – under tan linoleum – brown mastic	Negative	MFLt
47f	2nd floor – kitchen – 7th layer southeast – brown linoleum – brown mastic	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
47g	2nd floor – kitchen – 7th layer southeast – under brown linoleum – brown mastic	Negative	MFLn
48a	2nd floor – pantry – 5th layer – on yellow linoleum – yellow mastic	Negative	MFLl
48b	2nd floor – pantry – 5th layer – yellow linoleum	Negative	MFLl
48c	2nd floor – pantry – 5th layer – under yellow linoleum – yellow mastic	Negative	MFLl
48d	2nd floor – pantry – 6th layer – tan linoleum	Negative	MFLt
48e	2nd floor – pantry – 6th layer – under tan linoleum – brown mastic	Negative	MFLt
48f	2nd floor – pantry – 7th layer – brown linoleum – brown mastic	Negative	MFLn
48g	2nd floor – pantry – 7th layer – under brown linoleum – brown mastic	Negative	MFLn
49	2nd floor – dining room – northwest on ceiling – texture #2	Negative	STX2
50a	2nd floor – dining room – southwest on ceiling – texture #2	Negative	STX2
50b	2nd floor – dining room – southwest on ceiling – texture #2 layer 2	Negative	STX2
51	2nd floor – dining room – east on ceiling – texture #2	Negative	STX2
52	2nd floor – bathroom – on west wall under wood panel – gold mastic	Negative	MPMd
53	2nd floor – east bedroom – on north wall – texture #3	Negative	STX3
54	2nd floor – hall – on south wall – texture #3	Negative	STX3
55	2nd floor – west bedroom – on west wall – texture #3	Negative	STX3
56	2nd floor – dining room – on south wall – texture #3	Negative	STX3
57	2nd floor – dining room – on east wall – texture #3	Negative	STX3
58	2nd floor – front stir – on east wall – texture #4	Negative	STX4
59	2nd floor – front stir – on north wall – texture #4	Negative	STX4
60a	2nd floor – front stir – on south wall – texture #4	Negative	STX4
60b	2nd floor – front stir – on south wall – texture #4 layer 2	Negative	STX4
61	Attic – stair on landing – 12” white and green floor tile	Negative	MF12wg
62	Attic – south bedroom closet – 12” white/gray/black floor tile	Negative	MF12wyk
63	Attic – north bedroom – on north wall – texture #5	Negative	STX5
64	Attic – north bedroom – on east wall – texture #5	Negative	STX5
65	Attic – north bedroom – on west wall – texture #5	Negative	STX5
66	Roof – top layer south – orange and brown asphalt shingle	Negative	MRSon
67	Roof – top layer northwest – orange and brown asphalt shingle	Negative	MRSon
68	Roof – top layer northeast – orange and brown asphalt shingle	Negative	MRSon
69	Roof – bottom layer south – green asphalt shingle	Negative	MRSg
70	Roof – 2nd layer northwest – green asphalt shingle	Negative	MRSg
70	Roof – bottom layer northwest – black asphalt shingle	Negative	MRSk
70	Roof – bottom layer northwest – on black asphalt shingle – tar	Positive 3% Chrysotile	MRSk
70	POINT COUNT RESULT	Trace 0.75% Chrysotile	MRSk
71	Roof – bottom layer northeast – green asphalt shingle	Negative	MRSg
72	Basement – stair – on top steps – brown and white linoleum	Negative	MFLnw
73a	Basement – on south side of chimney near top – gray flue packing top layer	Negative	TFPy

Sample #	Location and Description	Results	Homogeneous Code
73b	Basement – on south side of chimney near top – gray flue packing bottom layer	Negative	TFPy
74	Basement – on south side of chimney near center – tan flue packing	Negative	TFPt
75a	**Basement – on north side of chimney – dark gray flue packing top layer**	**Positive 4% Chrysotile**	**TFPydark**
75b	Basement – on north side of chimney – dark gray flue packing bottom layer	Negative	TFPydark
76	Basement – northeast corner – 1' x 3' ceiling tile	Negative	MSCT13

Two (2) 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	1st Floor Living Room South Wall Duct, Basement west Return	30 SF	Poor
Dark Gray Flue Packing	TFPydark	Basement on North & East Sides of Chimney	3 SF	Poor

Assumed Asbestos Containing Materials

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

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

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Tar on Asphalt Roof Shingle	MRSk	Roof Northwest Bottom Layer	50 SF	Good

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

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

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

HMG recommends that the black tar on asphalt roof shingle 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
STX2	Texture #2
STX3	Texture #3
STX4	Texture #4
STX4	Texture #5
MPIk	Black Paper Insulation
MPIy	Gray Paper Insulation
MBI	Blown in Insulation
MRRn	Brown Asphalt Rolled Roofing
MPT	Tar Paper Wall
MDW	Drywall/Joint Compound
MCTMt	Tan Ceramic Tile
MCB	Concrete Board
MF12g	12” Green Floor Tile
MF12pc	12” Pink & Cream Floor Tile
MF12ny	12” Brown & Gray Floor Tile
MF12wy	12” White & Gray Floor Tile
MF12gc	12” Green & Cream Floor Tile
MF12b	12” Blue Floor Tile
MF12y	12” Gray Floor Tile
MF12wg	12” White & Green Floor Tile
MF12wyk	12” White/Gray/Black Floor Tile
MFLty	Tan & Gray Linoleum
MFLl	Yellow Linoleum
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MFLnw	Brown & White Linoleum
MPMt	Tan Wall Panel Mastic
MPMc	Cream Wall Panel Mastic
MPMd	Gold Wall Panel Mastic
MCLKc	Cream Caulk
MPG	Glazing Compound
MRSon	Orange & Brown Asphalt Shingle
MRSg	Green Asphalt Shingle
MRSk	Black Asphalt Shingle
MTar	Black Tar
MFLgt	Green & Tan Linoleum
MFLnk	Brown & Black Linoleum
MSCT13	1’ x 3’ Ceiling Tile
TFPy	Gray Flue Packing
TFPt	White Flue Packing
TFPydark	Dark Gray 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 2812-14 North 15th Street, Milwaukee, Wisconsin, took place on July 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 X.

Interior: 2812-14 North 15th Street, Milwaukee, Wisconsin

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

Exterior: 2812-14 North 15th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2812-14 North 15th Street, Milwaukee, Wisconsin Date: 7/5/18

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	South Wall	Brick	Dark Green	0.136
P2	Basement	North Wall	Brick	White	0.0103
P3	Basement	East Floor	Concrete	Gray	0.135

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Breaker Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 5 Gallons Paint 1st Floor Kitchen
* 2 Gas Meters in Basement

IX. ASBESTOS LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296366
Account Number: B929
Date Received: 07/06/2018
Received By: Natasha Naik
Date Analyzed: 07/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
002	2	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
003	3	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
004	4	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
005	5	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
006	6	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
007	7	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	30	Tar Sand

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

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Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 60	Tar
009	9	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010	10	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
011	11	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
012	12	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
014	14	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3
015	15	Homogeneous	Brown Plaster	Asbestos Not Present	NA	Sand CaCO3
016	16	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3
017	17	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3
018	18	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3
019	18A	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	18B	Homogeneous	White Plaster	Asbestos Not Present	NA	Sand CaCO3 Paint
021	19	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Gypsum Perlite
021a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
022	20	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Gypsum Perlite
022a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
023	21	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3 Perlite

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
024	22	Homogeneous	White Insulation	Asbestos Present Chrysotile 65	Cellulose 30	Binder
025	23	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
025a		Layered	Tan Grout	Asbestos Not Present	NA	Sand CaCO3
025b		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
026	24	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
026a		Layered	Tan Grout	Asbestos Not Present	NA	Sand CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026b		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
027	25	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
027a		Layered	Tan Grout	Asbestos Not Present	NA	Sand CaCO3
027b		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3
028	26	Homogeneous	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3 Binder
029	27	Homogeneous	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3 Binder

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	28	Homogeneous	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3 Binder
031	29	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
031a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
032	30	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
033	31	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
034	32	Homogeneous	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
035	32A	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	32B	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
037	33	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038	34	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
038a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
039	34A	Layered	Brown Mastic	Asbestos Not Present	NA	Glue Binder
039a		Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296366
Account Number: B929
Date Received: 07/06/2018
Received By: Natasha Naik
Date Analyzed: 07/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
039b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040	34B	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040a		Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
040b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
041	35	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue Binder
042	36	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
043	37	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 90	Tar

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
044	38	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone CaCO3
045	39	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
046	40	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
047	41	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3
048	42	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
048a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049	43	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
049a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
050	44	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
050a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
051	45	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
051a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
052	46	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Received By: Natasha Naik
Date Analyzed: 07/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
052a		Layered	Orange Flooring	Asbestos Not Present	NA		Vinyl CaCO3
052b		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
052c		Layered	Tan Linoleum	Asbestos Not Present	Cellulose	40	Tar Binder
052d		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
052e		Layered	Tan Linoleum	Asbestos Not Present	Cellulose	40	Tar Binder
052f		Layered	Brown Mastic	Asbestos Not Present	NA		Glue

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
053	47	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
053a		Layered	Orange Flooring	Asbestos Not Present	NA	Vinyl CaCO3
053b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
053c		Layered	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder
053d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
053e		Layered	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder
053f		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
054	48	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
054a		Layered	Orange Flooring	Asbestos Not Present	NA	Vinyl CaCO3
054b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
054c		Layered	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder
054d		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
054e		Layered	Tan Linoleum	Asbestos Not Present	Cellulose 40	Tar Binder

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
054f		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
055	49	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
056	50	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
056a		Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
057	51	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
058	52	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue Binder
059	53	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Date Analyzed: 07/13/2018
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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
060	54	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
061	55	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
062	56	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
063	57	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
064	58	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
065	59	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Received By: Natasha Naik
Date Analyzed: 07/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
066	60	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
066a		Layered	White Texture	Asbestos Not Present	NA	CaCO3
067	61	Homogeneous	Yellow Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
068	62	Homogeneous	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
069	63	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
070	64	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
071	65	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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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: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
072	66	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
073	67	Homogeneous	Tan Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
074	68	Homogeneous	Tan Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
075	69	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
076	70	Layered	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
076a		Layered	Black Roofing	Asbestos Not Present	Cellulose	60	Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 296366
Account Number: B929
Date Received: 07/06/2018
Received By: Natasha Naik
Date Analyzed: 07/13/2018
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
076b		Layered	Black Tar	Asbestos Present Chrysotile 3	NA	Tar
077	71	Homogeneous	Red Shingle	Asbestos Not Present	Cellulose 30	Tar Sand
078	72	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose 30	Vinyl
079	73	Layered	Gray Insulation	Asbestos Not Present	Wollastonite 60	CaCO3
079a		Layered	Tan Insulation	Asbestos Not Present	NA	Sand CaCO3
080	74	Homogeneous	Tan Stucco	Asbestos Not Present	NA	Sand CaCO3
081	75	Layered	Black Sealant	Asbestos Present Chrysotile 4	NA	CaCO3

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
081a		Layered	Tan Sealant	Asbestos Not Present	NA	Sand CaCO3
082	76	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

Cristal Veech, Analyst

7/13/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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For Lab Use Only	
Lab No. 296366	
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:	18-400-024.2812-14
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/5/18 1700	FedEx	[signature]	07/06/18 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"

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For Lab Use Only
Lab No. 296366
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	18A	☐				
20	18B	☐				
21	19	☐				
22	20	☐				
23	21	☐				
24	22	☐				
25	23	☐				
26	24	☐				
27	25	☐				
28	26	☐				
29	27	☐				
30	28	☒				

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Lab No. 296366
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Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	29	☒				
32	30	☐				
33	31	☐				
34	32	☐				
35	32A	☐				
36	32B	☐				
37	33	☐				
38	34	☐				
39	34A	☐				
40	34B	☐				
41	35	☐				
42	36	☐				
43	37	☐				
44	38	☐				
45	39	☐				
46	40	☐				
47	41	☐				
48	42	☐				
49	43	☐				
50	44	☑				

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
51	45	X				
52	46					
53	47					
54	48					
55	49					
56	50					
57	51					
58	52					
59	53					
60	54					
61	55					
62	56					
63	57					
64	58					
65	59					
66	60					
67	61					
68	62					
69	63					
70	64	✓				

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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. 296366
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	65	☒				
72	66	☐				
73	67	☐				
74	68	☐				
75	69	☐				
76	70	☐				
77	71	☐				
78	72	☐				
79	73	☐				
80	74	☐				
81	75	☐				
82	76	☑				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	296739	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	07/17/2018		
Received By:	Katie Davis		
Date Analyzed:	07/20/2018	Project:	DNS, 400 PTCT for 296366
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-021.2812-14

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	70	Homogeneous	Black Tar	Asbestos Present Chrysotile 0.75 400 Point Count	NA	Tar

Cassie Sanborn

Cassie Sanborn, Analyst

7/20/2018

Date of Report

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

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

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For Lab Use Only
Lab No. 296739
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:	18-400-024.2812-14
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	7/16/18 1530	Email	[redacted]	[redacted] 7-16-18 4:31

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	70	☑		tar		Quantem Lab No. 296366
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 296383
Date Received: 07/06/18
Received By: Natasha Naik
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 07/13/18

AIHA ID: 101352

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

Acct. No.: B929

Project: DNS
Location: Milwaukee, WI
Project No.: 18-400-024.2812-14

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.136	0.00497	%	07/13/18 16:09	P EPA 7000B (1)
002	P2	Paint	Lead	0.0103	0.00497	%	07/13/18 16:09	P EPA 7000B (1)
003	P3	Paint	Lead	0.135	0.00499	%	07/13/18 16:09	P EPA 7000B (1)

Authorized Signature:_____
Ronilsy Diaz, Analyst

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 296383	
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:	18-400-024.2812-14

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	7/5/18 1700	FedEx	[signature]	07/06/18 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

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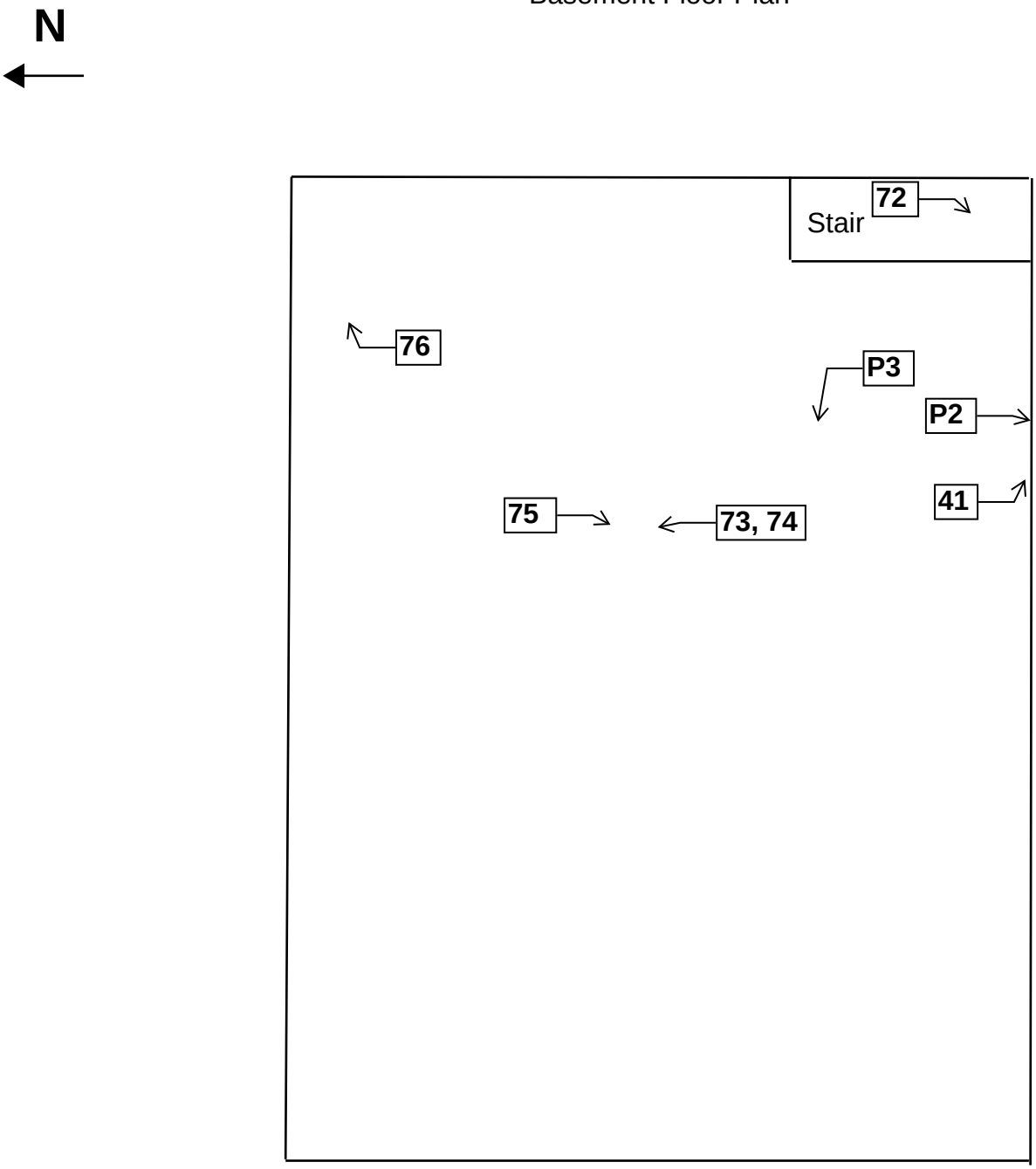
XI. FLOOR PLANS

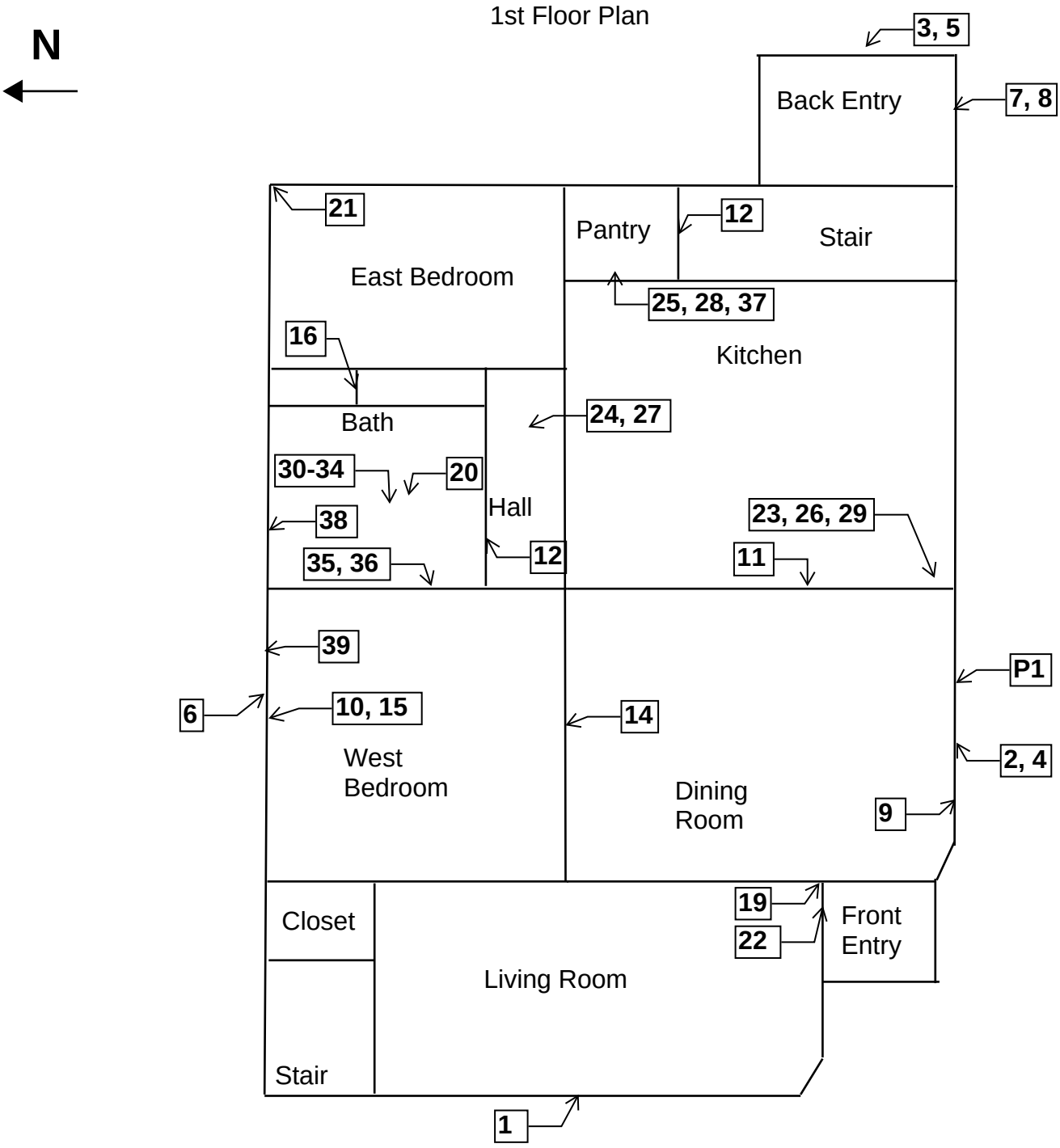
Two Family Dwelling
2812-14 North 15th Street
Milwaukee, Wisconsin

Basement Floor Plan



Two Family Dwelling
2812-14 North 15th Street
Milwaukee, Wisconsin

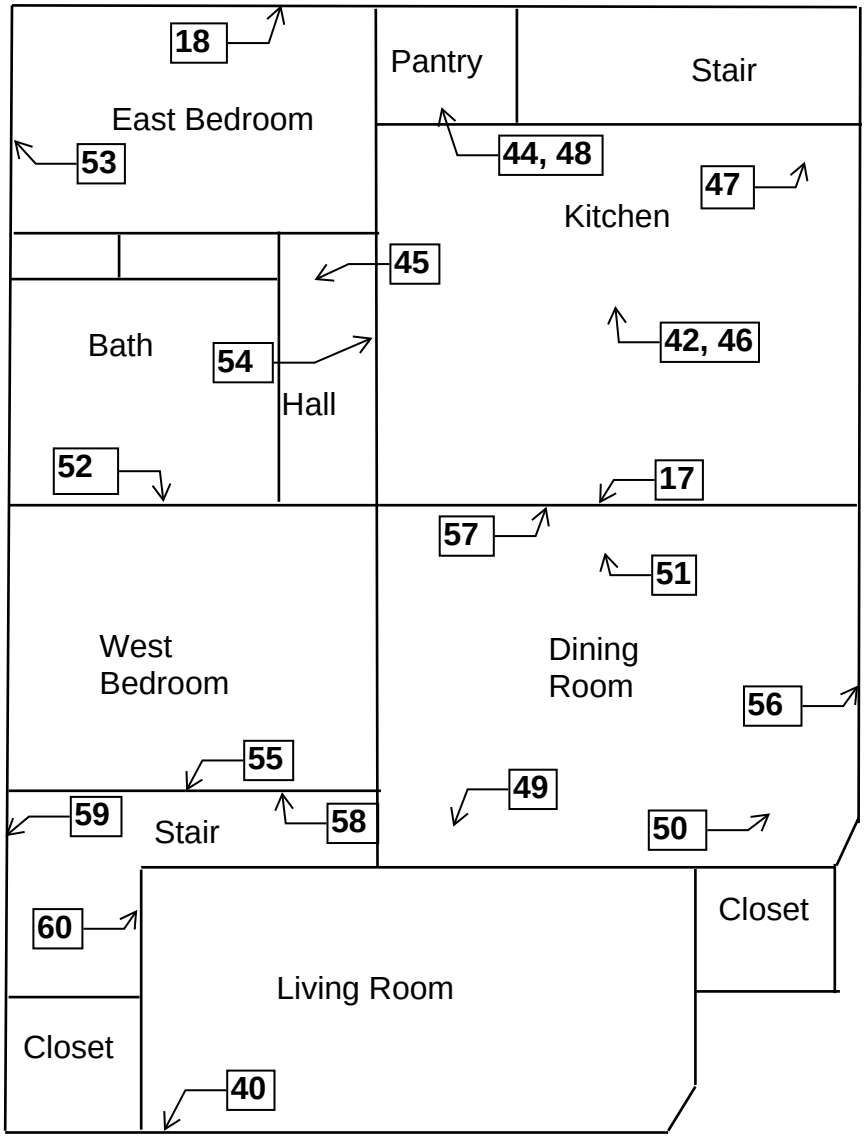
1st Floor Plan



Two Family Dwelling
2812-14 North 15th Street
Milwaukee, Wisconsin

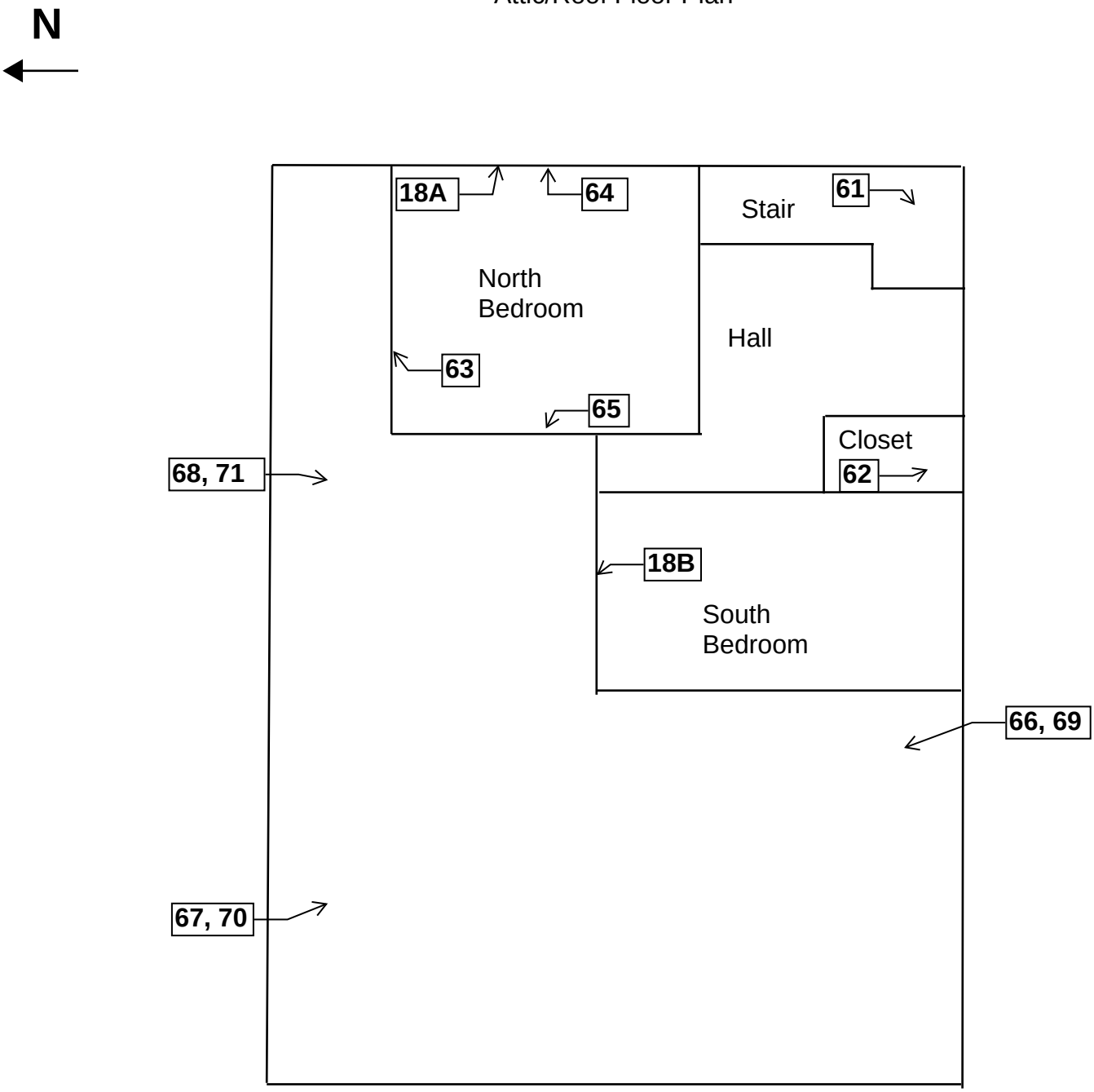
2nd Floor Plan

N



Two Family Dwelling
2812-14 North 15th 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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

Follow Wisconsin law by making sure that you:

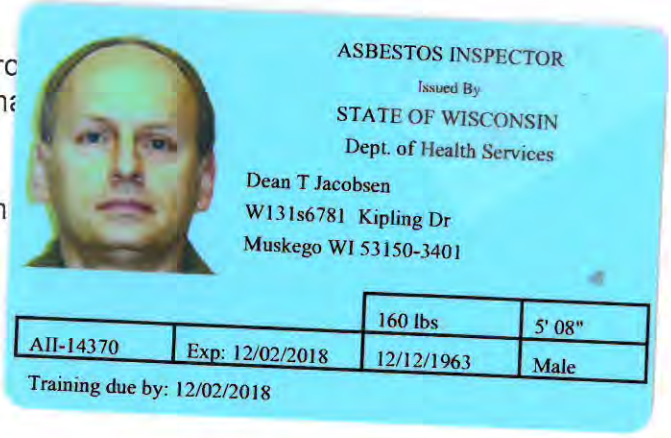
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2130 South 17th 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.: 18-400-024.2130
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
One Family Dwelling
2130 South 17th Street
Milwaukee, Wisconsin

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

April 30, 2018

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

RE: Deconstruction Inspection Report
2130 South 17th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2130 South 17th 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 2130 South 17th 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 exterior white caulk, 1st floor and 2nd floor kitchen linoleum, 2nd floor bedroom linoleum, 2nd floor east hall linoleum, attic linoleum, and duct wrap sampled during the inspection. Asbestos was assumed to be in the roof flashing. Asbestos was detected below 1% in window glazing compound, and 12" floor tile in the 1st floor kitchen and 2nd floor living room. Results are in Section IV of this report.

Lead was detected in paint on the exterior and interior 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 and garage at 2130 South 17th 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 April 19, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2130 South 17th 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
- Fiberboard
- Stair tread
- Linoleum
- Paper insulation
- Asphalt shingle siding
- Asphalt roofing
- Roof flashing
- Tar paper
- Floor tile
- Glazing compound
- Plaster
- Drywall/joint compound
- Texture

- Ceramic tile
- Duct wrap
- Ceiling tile
- Sink undercoat
- 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 – around west door – white caulk**	**Positive 5% Chrysotile**	**MCLKw**
2	**Exterior – around east door – white caulk**	**Positive 8% Chrysotile**	**MCLKw**
3	**Exterior – around south window – white caulk**	**Positive 8% Chrysotile**	**MCLKw**
4	Exterior – on northwest wall – gray caulk	Negative	MCLKy
5	Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
6	2nd floor – back entry – on steps – stair tread	Negative	MST
7a	2nd floor – stair landing – cream and pink linoleum	Negative	MFLcp
7b	2nd floor – stair landing – under cream and pink linoleum – yellow mastic	Negative	MFLcp

Sample #	Location and Description	Results	Homogeneous Code
8	Exterior – west wall under aluminum siding – silver paper insulation	Negative	MPIs
9	Exterior – south wall under aluminum siding – silver paper insulation	Negative	MPIs
10	Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
11	Exterior – west wall under silver paper insulation – asphalt shingle siding	Negative	MSS
12	Exterior – south wall under silver paper insulation – asphalt shingle siding	Negative	MSS
13	Exterior – north wall under silver paper insulation – asphalt shingle siding	Negative	MSS
14	Exterior – west wall under asphalt shingle siding – gray paper insulation	Negative	MPIy
15	Exterior – south wall under asphalt shingle siding – gray paper insulation	Negative	MPIy
16	Exterior – north wall under asphalt shingle siding – gray paper insulation	Negative	MPIy
17	Exterior – west wall under wood siding – tan paper insulation	Negative	MPIt
18	Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
19	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
20	Exterior – around northeast vent – clear caulk	Negative	MCLKy
21	Roof east side – top layer – brown asphalt shingle	Negative	MRSn
22	Roof north side – top layer – brown asphalt shingle	Negative	MRSn
23	Roof south side – top layer – brown asphalt shingle	Negative	MRSn
24	Roof east side – bottom layer – tar paper	Negative	MPT
25	Roof north side – bottom layer – tar paper	Negative	MPT
26	Roof south side – bottom layer – tar paper	Negative	MPT
27	1st floor – southwest entry – 12” brown and gray floor tile	Negative	MF12ny
28a	1st floor – southwest entry – west wall – plaster skim coat	Negative	SPl
28b	1st floor – southwest entry – west wall – plaster base coat	Negative	SPl
29a	1st floor – bedroom – east wall – plaster skim coat	Negative	SPl
29b	1st floor – bedroom – east wall – plaster base coat	Negative	SPl
30a	1st floor – kitchen – south wall – plaster skim coat	Negative	SPl
30b	1st floor – kitchen – south wall – plaster base coat	Negative	SPl
31a	2nd floor – living room – south wall – plaster skim coat	Negative	SPl
31b	2nd floor – living room – south wall – plaster base coat	Negative	SPl
32a	2nd floor – bedroom – east wall – plaster skim coat	Negative	SPl
32b	2nd floor – bedroom – east wall – plaster base coat	Negative	SPl
33a	1st floor – living room – east wall patch – joint compound	Negative	MDW
33b	1st floor – living room – east wall patch – drywall	Negative	MDW
33Aa	1st floor – bathroom – east wall – joint compound	Negative	MDW
33Ab	1st floor – bathroom – east wall – drywall	Negative	MDW
33Ba	2nd floor – bathroom – center wall – joint compound	Negative	MDW
33Bb	2nd floor – bathroom – center wall – drywall	Negative	MDW
34	1st floor – living room – west window – glazing compound	Negative	MPG
35	2nd floor – bedroom – south window – glazing compound	Negative	MPG
36	Attic – east window – glazing compound	Positive 2% Chrysotile	MPG

Sample #	Location and Description	Results	Homogeneous Code
36	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
37	1st floor – bedroom – on ceiling – texture	Negative	STX
38	1st floor – kitchen – on east wall under panel – brown mastic	Negative	MPMn
39	1st floor – kitchen top layer – 12" yellow and gray floor tile	Positive 3% Chrysotile	MF12ly
39	POINT COUNT RESULT	Trace 0.75% Chrysotile	MF12ly
39	1st floor – kitchen top layer – under 12" yellow and gray floor tile – yellow mastic	Negative	MF12ly
40	**1st floor – kitchen – north side 2nd layer – beige and brown linoleum**	**Positive 30% Chrysotile**	**MFLen**
41	1st floor – kitchen – east side 2nd layer – beige linoleum	Negative	MFLe
42	1st floor – stair – on steps – yellow linoleum	Negative	MFLl
43	1st floor – kitchen – bottom layer – tan linoleum	Negative	MFLt
44	1st floor – kitchen south closet – tan/black/red linoleum	Negative	MFLtkr
45	1st floor – kitchen – 1' x 1' ceiling tile	Negative	MSCT11
46	1st floor – kitchen – on sinks – white undercoat	Negative	MSUw
47a	1st floor – bathroom – cream and blue linoleum	Negative	MFLcb
47b	1st floor – bathroom – under cream and blue linoleum – yellow mastic	Negative	MFLcb
48a	1st floor – bathroom – on wall at tub – white and pink ceramic tile	Negative	MCTMwp
48b	1st floor – bathroom – on wall at tub – under white and pink ceramic tile – tan mastic	Negative	MCTMwp
48c	1st floor – bathroom – on wall at tub – grout	Negative	MCTMwp
48d	1st floor – bathroom – on wall at tub – under mastic – joint compound	Negative	MCTMwp
50	1st floor – bathroom – on tub – beige caulk	Negative	MCLKe
51	1st floor – kitchen north closet – on east wall under panel – tan mastic	Negative	MPMt
52	1st floor – utility room – on furnace – tan caulk	Negative	MCLKt
53a	2nd floor – living room southwest – 12" brown and red floor tile	Positive 2% Chrysotile	MF12nr
53a	POINT COUNT RESULT	Trace <0.25% Chrysotile	MF12nr
53b	2nd floor – living room southwest – under 12" brown and red floor tile – brown mastic	Negative	MF12nr
54	2nd floor – living room north side – 12" brown and red floor tile	Positive 2% Chrysotile	MF12nr
54	POINT COUNT RESULT	Trace 0.25% Chrysotile	MF12nr
55a	2nd floor – living room east side – 12" brown and red floor tile	Positive 2% Chrysotile	MF12nr
55a	POINT COUNT RESULT	Trace <0.25% Chrysotile	MF12nr
55b	2nd floor – living room east side – under 12" brown and red floor tile – yellow mastic	Negative	MF12nr
56	**2nd floor – bedroom – yellow and brown linoleum**	**Positive 30% Chrysotile**	**MFLln**
57	2nd floor – living room southeast – on ceiling – texture #2	Negative	STX2
58	2nd floor – living room northwest – on ceiling – texture #2	Negative	STX2
59	2nd floor – living room southwest – on ceiling – texture #2	Negative	STX2

Sample #	Location and Description	Results	Homogeneous Code
60	**2nd floor – kitchen west side – top layer – orange and gray linoleum**	**Positive 30% Chrysotile**	**MFLoy**
61	**2nd floor – kitchen center – top layer – orange and gray linoleum**	**Positive 30% Chrysotile**	**MFLoy**
62a	**2nd floor – kitchen south side – top layer – orange and gray linoleum**	**Positive 30% Chrysotile**	**MFLoy**
62b	2nd floor – kitchen south side – top layer – under orange and gray linoleum – leveling compound	Negative	MFLoy
63	2nd floor – kitchen west side – 3rd layer –black linoleum	Negative	MFLk
64	**2nd floor – kitchen center – 3rd layer – yellow and tan linoleum**	**Positive 30% Chrysotile**	**MFLlt**
65	**2nd floor – kitchen south side – 3rd layer – yellow and tan linoleum**	**Positive 30% Chrysotile**	**MFLlt**
66	2nd floor – kitchen west side – 4th layer – brown and black linoleum	Negative	MFLnk
67	2nd floor – kitchen center – 4th layer – brown and black linoleum	Negative	MFLnk
68	2nd floor – kitchen south side – 4th layer – brown and black linoleum	Negative	MFLnk
69	**2nd floor – kitchen west side – 5th layer – gold linoleum**	**Positive 30% Chrysotile**	**MFLd**
70	**2nd floor – kitchen center – 5th layer – gold linoleum**	**Positive 30% Chrysotile**	**MFLd**
70	2nd floor – kitchen center – 5th layer – under gold linoleum – tar paper	Negative	MFLd
71	**2nd floor – kitchen center – 5th layer – gold linoleum**	**Positive 30% Chrysotile**	**MFLd**
72	2nd floor – kitchen west side – 6th layer – tan and gray linoleum	Negative	MFLty
73	2nd floor – kitchen center – 6th layer – tan and gray linoleum	Negative	MFLty
74	2nd floor – kitchen south side – 6th layer – tan and gray linoleum	Negative	MFLty
75a	2nd floor – bathroom – 12” gray and tan floor tile	Negative	MF12yt
75b	2nd floor – bathroom – under 12” gray and tan floor tile – leveling compound	Negative	MF12yt
76	2nd floor – east hall – top layer – cream and brown linoleum	Negative	MFLcn
77	**2nd floor – east hall – bottom layer – beige and tan linoleum**	**Positive 30% Chrysotile**	**MFLet**
78	2nd floor – bathroom – at soap dish – white caulk #2	Negative	MCLKw2
79	2nd floor – bathroom – on tub – brown caulk	Negative	MCLKn
80a	2nd floor – bathroom – on walls at tub – cream ceramic tile	Negative	MCTMc
80b	2nd floor – bathroom – on walls at tub – grout	Negative	MCTMc
80c	2nd floor – bathroom – on walls at tub – under cream ceramic tile – white mastic	Negative	MCTMc
81	**Attic – stair landing – top layer – tan and orange linoleum**	**Positive 30% Chrysotile**	**MFLto**
82	Attic – stair landing – 2nd layer – tan and black linoleum	Negative	MFLtk
83	Attic – stair landing – bottom layer – cream and black linoleum	Negative	MFLck
84	**Attic – east room – on duct seams – duct wrap**	**Positive 60% Chrysotile**	**TDW**
85	Attic – west room north side – blue linoleum	Negative	MFLb
86	Attic – west room south side – blue linoleum	Negative	MFLb

Sample #	Location and Description	Results	Homogeneous Code
87	Attic – west room east side – blue linoleum	Negative	MFLb
88	Garage – south wall – brown drywall	Negative	MDWn
89	Garage – west wall – brown drywall	Negative	MDWn
90	Garage – north wall – brown drywall	Negative	MDWn
91	Garage roof – southwest top layer – black asphalt shingle	Negative	MRSk
92	Garage roof – east top layer – black asphalt shingle	Negative	MRSk
93	Garage roof – west top layer – black asphalt shingle	Negative	MRSk
94	Garage roof – southwest bottom layer – tar paper #2	Negative	MPT2
95	Garage roof – east bottom layer – tar paper #2	Negative	MPT2
96	Garage roof – west bottom layer – tar paper #2	Negative	MPT2

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
White Caulk	MCLKw	Exterior Around Windows & Doors	26 Windows & 5 Doors	Fair
Beige & Brown Linoleum	MFLen	1st Floor Kitchen 2nd Layer North Side	100 SF	Fair
Yellow & Brown Linoleum	MFLln	2nd Floor Southwest Bedroom	90 SF	Fair
Orange & Gray Linoleum	MFLoy	2nd Floor Kitchen Top Layer	170 SF	Fair
Yellow & Tan Linoleum	MFLlt	2nd Floor Kitchen 2nd Layer	170 SF	Fair
Gold Linoleum	MFLlt	2nd Floor Kitchen 5th Layer	170 SF	Fair
Beige & Tan Linoleum	MFLet	2nd Floor East Hall Bottom Layer	55 SF	Fair
Tan & Orange Linoleum	MFLto	Attic Stair Landing Top Layer	15 SF	Fair
Duct Wrap	TDW	Attic North Side on Duct Seams	10 SF	Fair

Assumed Asbestos Containing Materials

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Roof Flashing	MRF	House Roof at Vents Stacks	2 SF	Fair

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

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	26 Windows	Fair

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Yellow & Gray Floor Tile	MF12ly	1st Floor Kitchen	155 SF	Good
12" Brown & Red Floor Tile	MF12nr	2nd Floor Living Room	250 SF	Good

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

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

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

HMG recommends that the window glazing compound, 12" yellow and gray floor tile, and 12" brown and red 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
STX2	Texture #2
MCLKw	White Caulk
MCLKy	Gray Caulk
MCLKe	Beige Caulk
MCLKt	Tan Caulk
MCLKn	Brown Caulk
MCLKw2	White Caulk #2
MFB	Fiberboard
MST	Stair Tread
MFLcp	Cream & Pink Linoleum
MFLen	Beige & Brown Linoleum
MFLe	Beige Linoleum
MFLl	Yellow Linoleum
MFLt	Tan Linoleum

Homogeneous Material Codes

MFLtkr	Tan/Black/Red Linoleum
MFLcb	Cream & Blue Linoleum
MFLln	Yellow & Brown Linoleum
MFLoy	Orange & Gray Linoleum
MFLk	Black Linoleum
MFLlt	Yellow & Tan Linoleum
MFLnk	Brown & Black Linoleum
MFLd	Gold Linoleum
MFLty	Tan & Gray Linoleum
MFLcn	Cream & Brown Linoleum
MFLet	Beige & Tan Linoleum
MFLto	Tan & Orange Linoleum
MFLtk	Tan & Black Linoleum
MFLck	Cream & Black Linoleum
MFLb	Blue Linoleum
MPIs	Silver Paper Insulation
MPIy	Gray Paper Insulation
MPIt	Tan Paper Insulation
MSS	Asphalt Shingle Siding
MRSn	Brown Asphalt Shingle
MRSk	Black Asphalt Shingle
MPT	Tar Paper
MPT2	Tar Paper #2
MF12ny	12” Brown & Gray Floor Tile
MF12ly	12” Yellow & Gray Floor Tile
MF12nr	12” Brown & Red Floor Tile
MF12yt	12” Gray & Tan Floor Tile
MDW	Drywall/Joint Compound
MDWn	Brown Drywall
MPG	Glazing Compound
MRSrw	Red & White Asphalt Shingle
MPMn	Brown Panel Mastic
MPMt	Tan Panel Mastic
MSCT11	1’ x 1’ Ceiling Tile
MCTMwp	White & Pink Ceramic Tile
MCTMc	Cream Ceramic Tile
MSUw	White Sink Undercoat
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 2130 South 17th Street, Milwaukee, Wisconsin, took place on April 19, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. 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: 2130 South 17th Street, Milwaukee, Wisconsin

- **Painted block was observed in the 1st floor utility room. Lead based paint was not detected.**

Exterior: 2130 South 17th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2130 South 17th Street, Milwaukee, Wisconsin **Date: 4/19/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	West Wall/Pillar	Block	White	0.0197
P2	Utility	East Wall	Block	White	0.0352

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

9	Fluorescent Lights – 1st Floor Bathroom, 2nd Floor Living Room & Bathroom, 2nd Floor Back Entry
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 – 2 Furnaces & 2 Water Heaters in Utility Room.

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

ELECTRICAL SYSTEMS – 2 Breaker Boxes 1st Floor Southeast Room

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
1	Ballasts – 2nd Floor Back Entry
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 – Garage
N/A	Junk Vehicles

* 1 Gallon Stain in 1st Floor Kitchen

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. 293388
Account Number: B929
Date Received: 04/20/2018
Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 5	NA	CaCO3 Binder
002	2	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
003	3	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 8	NA	CaCO3 Binder
004	4	Homogeneous	Gray Caulk	Asbestos Not Present	NA	Silicone
005	5	Homogeneous	Brown Wallboard	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Black Flooring	Asbestos Not Present	NA	CaCO3 Rubber
007	7	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
007a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
008	8	Homogeneous	Tan Wrap	Asbestos Not Present	Cellulose	50	Foil
009	9	Homogeneous	Tan Wrap	Asbestos Not Present	Cellulose	50	Foil
010	10	Homogeneous	Tan Wrap	Asbestos Not Present	Cellulose	50	Foil
011	11	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
012	12	Homogeneous	Tan Shingle	Asbestos Not Present	Cellulose	50	Tar Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
013	13	Homogeneous	Tan Shingle	Asbestos Not Present	Cellulose	50	Tar Sand
014	14	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose	95	Tar
015	15	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose	95	Tar
016	16	Homogeneous	Gray Paper	Asbestos Not Present	Cellulose	95	Tar
017	17	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	80	Tar
018	18	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	80	Tar
019	19	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	80	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020	20	Homogeneous	Clear Caulk	Asbestos Not Present	NA		Silicone
021	21	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
022	22	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
023	23	Homogeneous	Brown Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
024	24	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
025	25	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
027	27	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
028	28	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
028a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand Gypsum
029	29	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
029a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand Gypsum
030	30	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
031	31	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
031a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
032	32	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
032a		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand Gypsum
033	33	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
033a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
034	33A	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
034a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
035	33B	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
035a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
036	34	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3 Binder
037	35	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3 Binder

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 293388
Account Number: B929
Date Received: 04/20/2018
Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038	36	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 2	NA	CaCO3 Binder
039	37	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
040	38	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
041	39	Layered	Cream Floor Tile	Asbestos Present Chrysotile 3	NA	CaCO3 Vinyl
041a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
042	40	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
043	41	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
044	42	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
045	43	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
046	44	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
047	45	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
048	46	Homogeneous	White Sink Undercoat	Asbestos Not Present	Cellulose	15	Gypsum Mica

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Date Received: 04/20/2018
Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
049	47	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
049a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
050	48	Layered	Pink Ceramic Tile	Asbestos Not Present	NA	Clay Sand
050a		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
050b		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
050c		Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
051	50	Homogeneous	White Caulk	Asbestos Not Present	NA	Silicone Binder

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Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052	51	Homogeneous	Tan Surfacing	Asbestos Not Present	NA	Foam Paint
053	52	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder
054	53	Layered	Brown Floor Tile	Asbestos Present Chrysotile 2	NA	CaCO3 Vinyl
054a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
055	54	Homogeneous	Brown Floor Tile	Asbestos Present Chrysotile 2	NA	CaCO3 Vinyl
056	55	Layered	Brown Floor Tile	Asbestos Present Chrysotile 2	NA	CaCO3 Vinyl

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Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
056a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
057	56	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
058	57	Homogeneous	Tan Texture	Asbestos Not Present	Talc 5	CaCO3 Paint
059	58	Homogeneous	Tan Texture	Asbestos Not Present	Talc 5	CaCO3 Paint
060	59	Homogeneous	Tan Texture	Asbestos Not Present	Talc 5	CaCO3 Paint
061	60	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
062	61	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl Binder

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 04/20/2018
Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
063	62	Layered	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Gypsum Vinyl
063a		Layered	White Leveling Compound	Asbestos Not Present	NA	Gypsum
064	63	Homogeneous	Black Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
065	64	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
066	65	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
067	66	Homogeneous	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 04/20/2018
Received By: Amber Bassett
Date Analyzed: 04/25/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
068	67	Homogeneous	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
069	68	Homogeneous	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
070	69	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
071	70	Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
071a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
072	71	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
073	72	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose 40	CaCO3 Vinyl Tar

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Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
074	73	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
075	74	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
076	75	Layered	Yellow Flooring	Asbestos Not Present	NA	CaCO3 Sand Glue
076a		Layered	Gray Flooring	Asbestos Not Present	Cellulose 40	Sand Binder
077	76	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
078	77	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 30	NA	Vinyl Binder

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
079	78	Homogeneous	Yellow Caulk	Asbestos Not Present	NA	Silicone
080	79	Homogeneous	Tan Caulk	Asbestos Not Present	NA	CaCO3 Binder
081	80	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
081a		Layered	White Grout	Asbestos Not Present	NA	CaCO3
081b		Layered	White Mastic	Asbestos Not Present	NA	Glue CaCO3
082	81	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
083	82	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose	40	CaCO3 Vinyl Tar
084	83	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose	40	CaCO3 Vinyl Tar
085	84	Homogeneous	Tan Paper	Asbestos Present Chrysotile 60	Cellulose	30	Binder
086	85	Homogeneous	Blue Linoleum	Asbestos Not Present	Cellulose	40	CaCO3 Vinyl Tar
087	86	Homogeneous	Blue Linoleum	Asbestos Not Present	Cellulose	40	CaCO3 Vinyl Tar
088	87	Homogeneous	Blue Linoleum	Asbestos Not Present	Cellulose	40	CaCO3 Vinyl Tar

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1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
089	88	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose	25	Gypsum
090	89	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose	25	Gypsum
091	90	Homogeneous	Tan Wallboard	Asbestos Not Present	Cellulose	25	Gypsum
092	91	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
093	92	Homogeneous	Brown Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
094	93	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
095	94	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
096	95	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
097	96	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

Dee Am

Dee Ammerman, Analyst

4/26/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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For Lab Use Only	
Lab No. 293388	
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:	18-400-024.2130
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/19/18 1700	FedEx	Amber Bassett 10am	4-20-18

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

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Lab No. 293388
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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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	33A	☐				
35	33B	☐				
36	34	☐				
37	35	☐				
38	36	☐				
39	37	☐				
40	38	☐				
41	39	☐				
42	40	☐				
43	41	☐				
44	42	☐				
45	43	☐				
46	44	☐				
47	45	☐				
48	46	☐				
49	47	☐				
50	48	☐				

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Lab No. 293388
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Project Information		
Company: Harenda Management Group	Project Name: DNS	Project Location: Milwaukee, WI

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
51	50	☒				
52	51	☐				
53	52	☐				
54	53	☐				
55	54	☐				
56	55	☐				
57	56	☐				
58	57	☐				
59	58	☐				
60	59	☐				
61	60	☐				
62	61	☐				
63	62	☐				
64	63	☐				
65	64	☐				
66	65	☐				
67	66	☐				
68	67	☐				
69	68	☐				
70	69	☑				

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For Lab Use Only
Lab No. 293388
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	70	☒				
72	71	☐				
73	72	☐				
74	73	☐				
75	74	☐				
76	75	☐				
77	76	☐				
78	77	☐				
79	78	☐				
80	79	☐				
81	80	☐				
82	81	☐				
83	82	☐				
84	83	☐				
85	84	☐				
86	85	☐				
87	86	☐				
88	87	☐				
89	88	☐				
90	89	☒				

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Lab No. 293388
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
9_1	90	☒				
9_2	91	☒				
9_3	92	☒				
9_4	93	☒				
9_5	94	☒				
9_6	95	☒				
9_7	96	☒				
_8		☐				
_9		☐				
_0		☐				
_1		☐				
_2		☐				
_3		☐				
_4		☐				
_5		☐				
_6		☐				
_7		☐				
_8		☐				
_9		☐				
_0		☐				

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QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 293636
Account Number: B929
Date Received: 04/26/2018
Received By: Katie Davis
Date Analyzed: 04/27/2018
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 293388
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	36	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
002	39	Homogeneous	Cream Floor Tile	Asbestos Present Chrysotile 0.75 400 Point Count	NA	
003	53	Homogeneous	Brown Floor Tile	Asbestos Present Chrysotile <0.25 400 Point Count	NA	
004	54	Homogeneous	Brown Floor Tile	Asbestos Present Chrysotile 0.25 400 Point Count	NA	
005	55	Homogeneous	Brown Floor Tile	Asbestos Present Chrysotile <0.25 400 Point Count	NA	

Dee Am

Dee Ammerman, Analyst

4/27/2018
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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Lab No. 293388	Accept / Reject

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2130
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/26/18 1000	Email	KA	4/26/18 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☐ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☑ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	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	36	☑				Quantem Lab No. 293388
2	39	☑		floor tile		
3	53	☑		floor tile		
4	54	☑				
5	55	☑		floor tile		
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 293384
Date Received: 04/20/18
Received By: Amber Bassett
Date Sampled:
Time Sampled:
Analyst: RD
Date of Report: 04/25/18

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.: 18-400-024.2130

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.0197	0.00488	%	04/25/18 15:40	P EPA 7000B (1)
002	P2	Paint	Lead	0.0352	0.00495	%	04/25/18 15:40	P EPA 7000B (1)

Authorized Signature:_____
Ronilsy Diaz, Analyst

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

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

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

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

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

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

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Lab No. 293384	
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:	18-400-024.2130

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/19/18 1700	FedEx	Amber Bassett 10am	4-20-18

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2	P2				✓	X				X				
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

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

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

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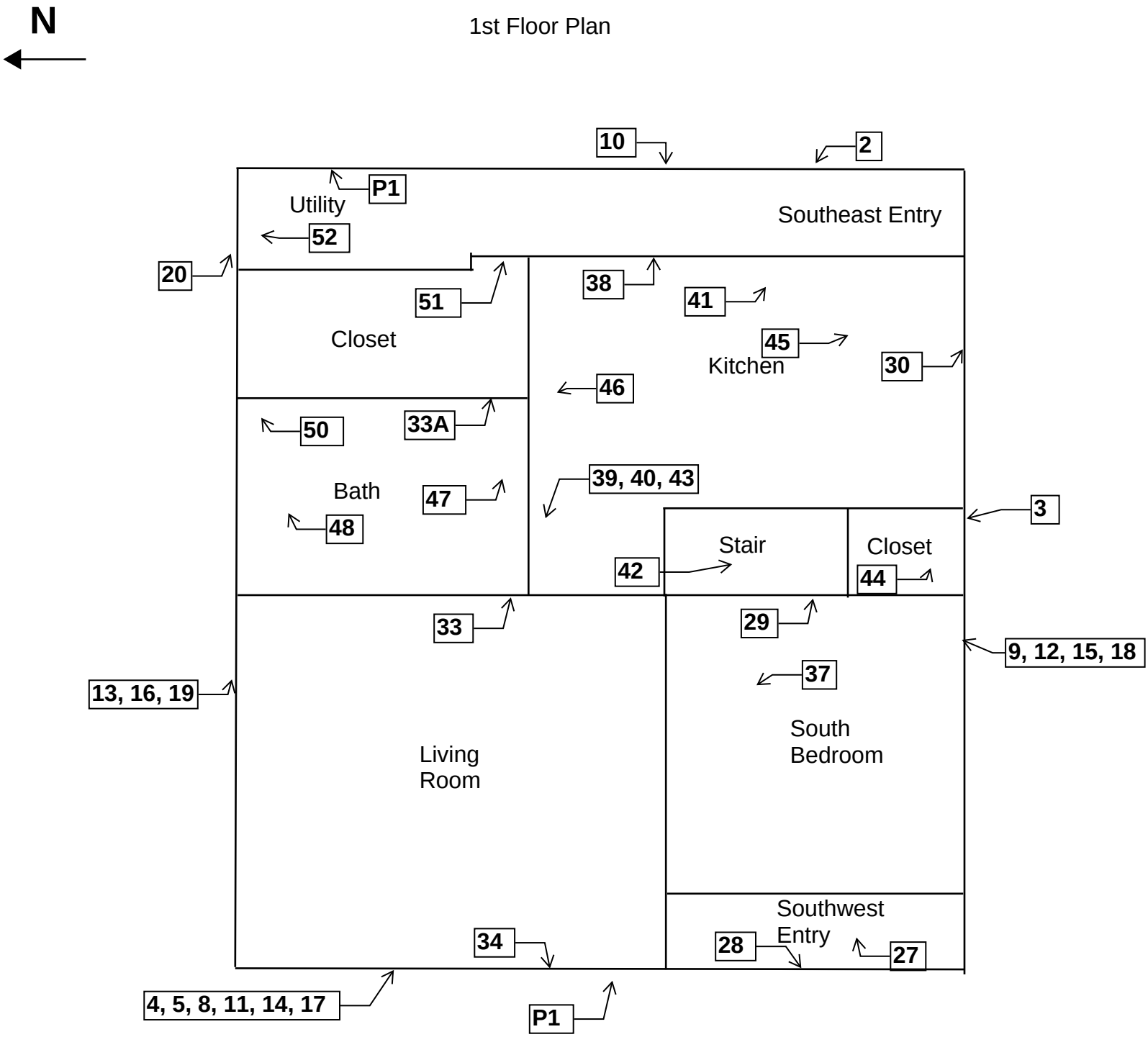
XI. FLOOR PLANS

Two Family Dwelling
2130 South 17th Street
Milwaukee, Wisconsin

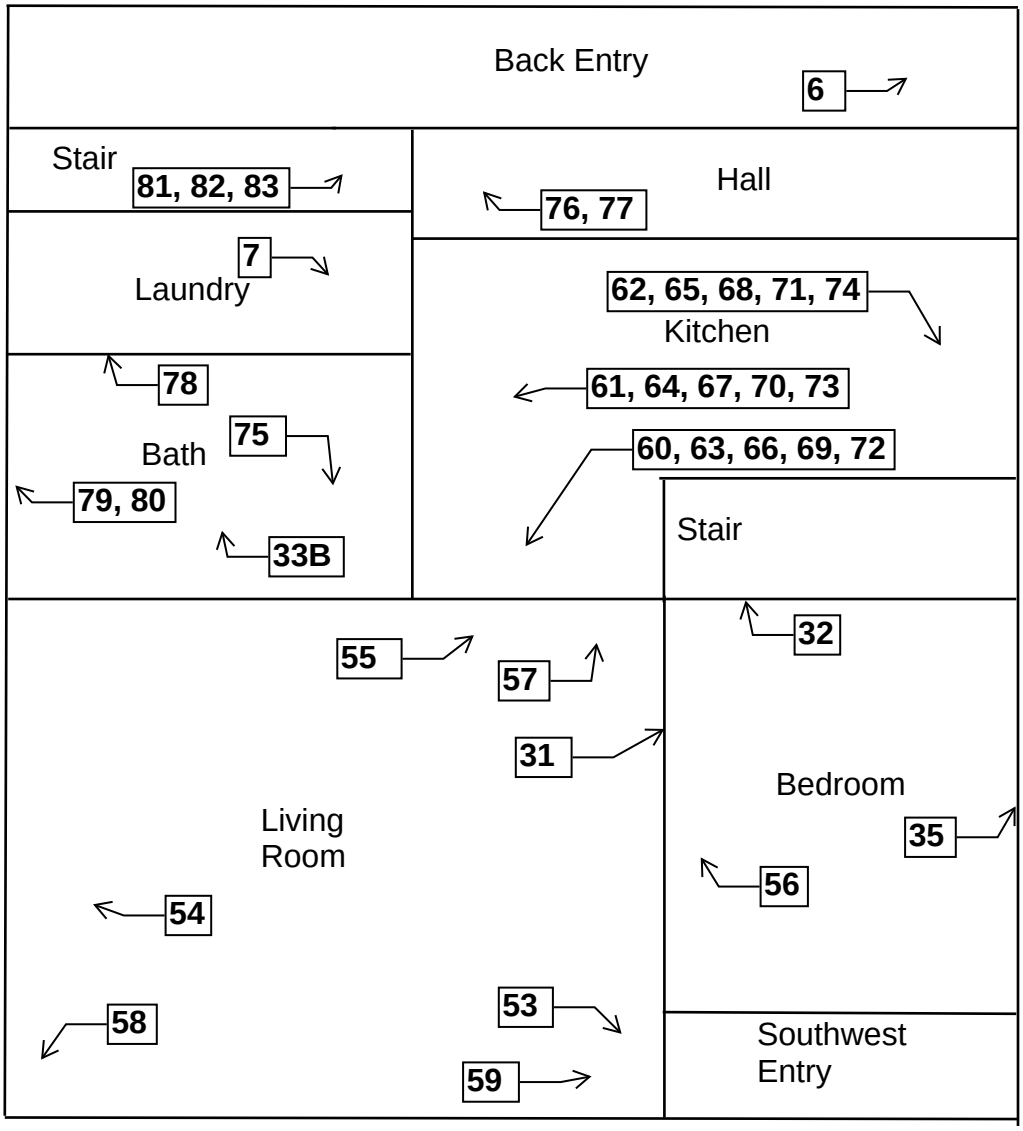
1st Floor Plan



Two Family Dwelling
2130 South 17th Street
Milwaukee, Wisconsin

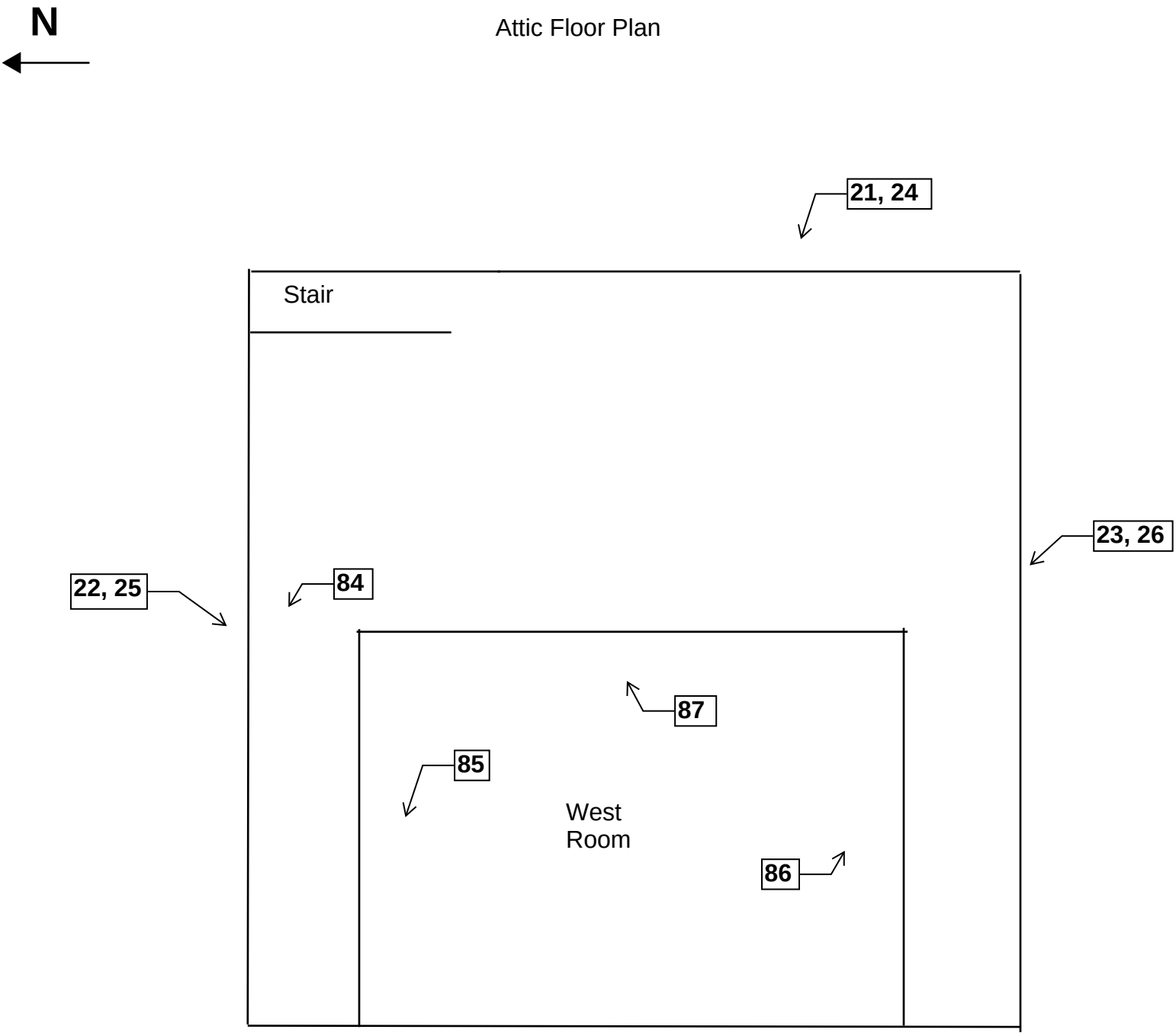
N

2nd Floor Plan



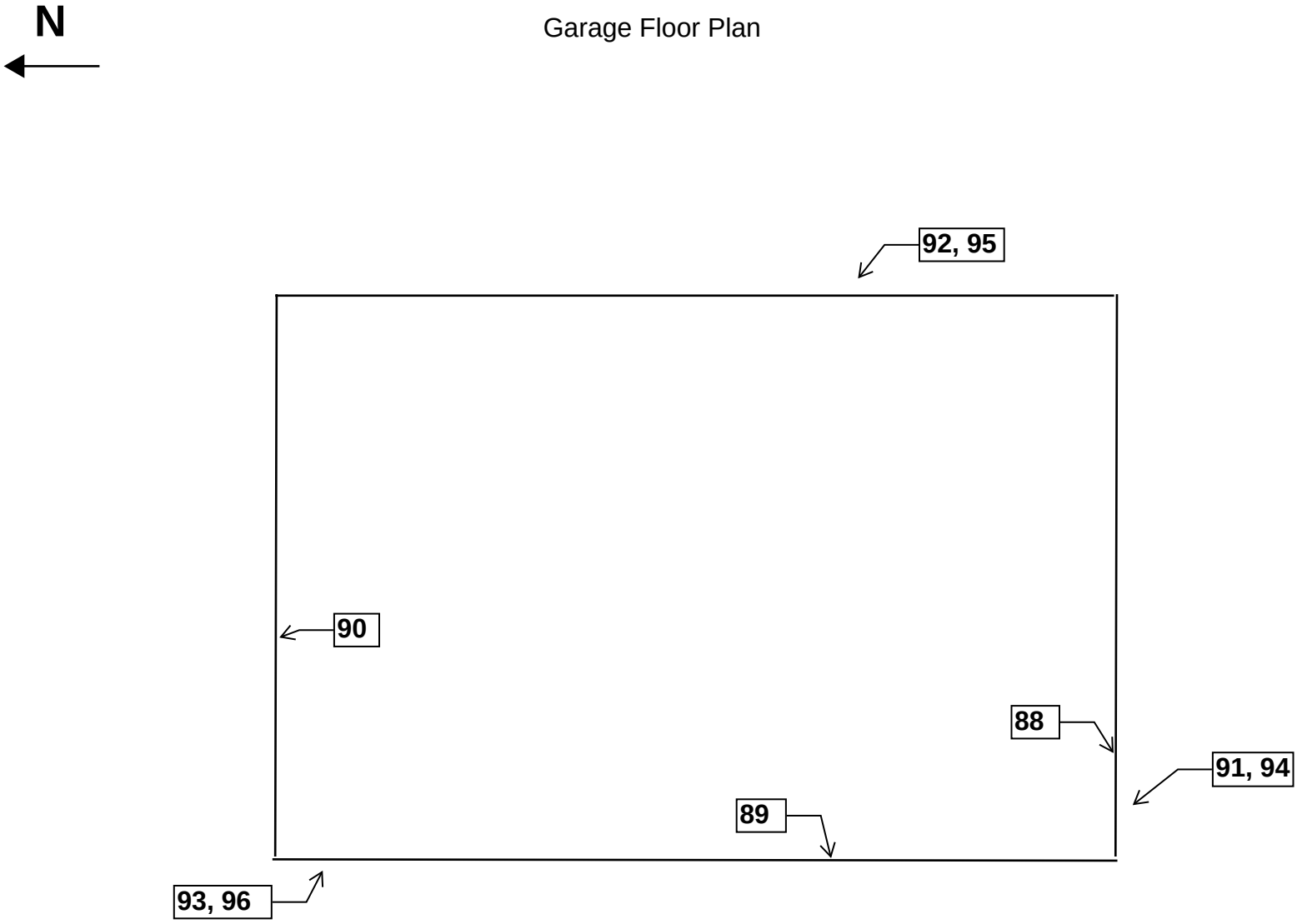
Two Family Dwelling
2130 South 17th Street
Milwaukee, Wisconsin

Attic Floor Plan



Two Family Dwelling
2130 South 17th Street
Milwaukee, Wisconsin

Garage 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:

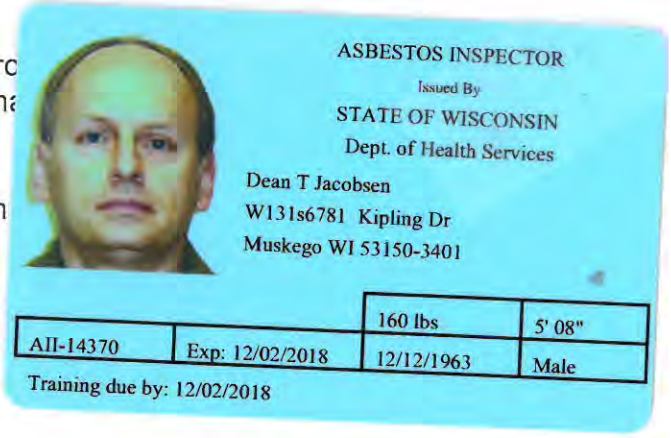
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

DECONSTRUCTION INSPECTION REPORT
Job Site:

One Family Rear Dwelling
2150A South 19th 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.: 18-400-024.2150A
Inspector: Cecil Trawick
Contract No.: 360-18-0975

Prepared by:

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

October 2018

Signature Page
Deconstruction Inspection Report
One Family Rear Dwelling
2150A South 19th 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

October 26, 2018

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

RE: Deconstruction Inspection Report
2150A South 19th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2150A South 19th 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 2150A South 19th Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples for laboratory analysis.

Asbestos was not detected in any of the materials sampled during the inspection. Results are in Section IV of this report.

Painted masonry was not observed during this inspection. No samples were collected.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the one family rear dwelling at 2150A South 19th Street, Milwaukee, Wisconsin. The dwelling is a one story wood framed structure with basement. The house has vinyl and wood siding with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On September 20, 2018, HMG conducted an asbestos inspection and lead inspection of a one family rear dwelling, scheduled for deconstruction, located at 2150A South 19th 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:

- Blown in insulation
- Texture
- Glazing compound
- Drywall
- Ceiling tile
- Plaster
- Linoleum
- Floor tile
- Asphalt roofing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, 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 – in south wall – blown in insulation	Negative	MBI
2	Exterior – in east wall – blown in insulation	Negative	MBI
3	Attic – under floor – blown in insulation	Negative	MBI
4	1st floor – south bedroom – on north wall – texture	Negative	STX
5	1st floor – living room – on west wall – texture	Negative	STX
6	1st floor – living room – on north wall – texture	Negative	STX
7	1st floor – south bedroom – on south window – glazing compound	Negative	MPG
8	1st floor – living room – on west window – glazing compound	Negative	MPG
9	1st floor – south bedroom – on south window – glazing compound	Negative	MPG
10	1st floor – bathroom – west wall – drywall	Negative	MDW
11	1st floor – north closet – north wall – drywall	Negative	MDW
12	1st floor – south closet – south wall – drywall	Negative	MDW
13	1st floor – living room north side – 1’ x 1’ ceiling tile	Negative	MSCT11
14	1st floor – living room south side – 1’ x 1’ ceiling tile	Negative	MSCT11
15	1st floor – south bedroom – 1’ x 1’ ceiling tile	Negative	MSCT11
16	1st floor – living room – west wall – plaster	Negative	SPl
17	1st floor – kitchen – north wall – plaster	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
18	1st floor – south bedroom – south wall – plaster	Negative	SPl
19a	1st floor – east room – east wall – plaster skim coat	Negative	SPl
19b	1st floor – east room – east wall – plaster base coat	Negative	SPl
20a	1st floor – north closet – east wall – plaster skim coat	Negative	SPl
20b	1st floor – north closet – east wall – plaster base coat	Negative	SPl
21a	1st floor – bathroom – white and green linoleum	Negative	MFLwg
21b	1st floor – bathroom – under white and green linoleum – yellow mastic	Negative	MFLwg
22a	1st floor – front entry – 12" tan and white floor tile	Negative	MF12tw
22b	1st floor – front entry – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
23a	1st floor – kitchen – 12" tan and white floor tile	Negative	MF12tw
23b	1st floor – kitchen – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
24a	1st floor – east room – 12" tan and white floor tile	Negative	MF12tw
24b	1st floor – east room – under 12" tan and white floor tile – yellow mastic	Negative	MF12tw
25a	Basement – stair landing – 12" brown floor tile	Negative	MF12n
25b	Basement – stair landing – under 12" brown floor tile – yellow mastic	Negative	MF12n
26	Roof – north top layer – green asphalt shingle	Negative	MRSg
27	Roof – northeast top layer – green asphalt shingle	Negative	MRSg
28	Roof – southwest top layer – green asphalt shingle	Negative	MRSg
29	Roof – north 2nd layer – red asphalt shingle	Negative	MRSr
30	Roof – northeast 2nd layer – red asphalt shingle	Negative	MRSr
31	Roof – southwest 2nd layer – red asphalt shingle	Negative	MRSr
32	Roof – north 3rd layer – black asphalt shingle	Negative	MRSk
33	Roof – northeast 3rd layer – black asphalt shingle	Negative	MRSk
34	Roof – southwest 3rd layer – black asphalt shingle	Negative	MRSk

None of the materials sampled contains asbestos.

Note#1: If additional materials are discovered during deconstruction that are not listed above they are to be assumed to be asbestos containing.

Note#2: A copy of this report should be transmitted to the deconstruction contractor.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MBI	Blown in Insulation
MPG	Glazing Compound
MDW	Drywall
MSCT11	1' x 1' Ceiling Tile
MF12tw	12" Tan & White Floor Tile
MF12n	12" Brown Floor Tile
MFLwg	White & Green Linoleum
MCTMb	Blue Ceramic Tile
MRSg	Green Asphalt Shingle
MRSr	Red Asphalt Shingle
MRSk	Black 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 at 2150A South 19th Street, Milwaukee, Wisconsin, took place on September 20, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces.

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

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 1 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

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. 299890
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	01	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
002	02	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
003	03	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose 100	
004	04	Homogeneous	Tan Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
005	05	Homogeneous	Tan Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
006	06	Homogeneous	Tan Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
007	07	Homogeneous	White Window Glazing	Asbestos Not Present	NA	CaCO3

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

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	08	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3
009	09	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3
010	10	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
011	11	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
012	12	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
013	13	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299890
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Client: Harenda Management Group
Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
015	15	Homogeneous	Tan Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
016	16	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
017	17	Homogeneous	Gray Plaster	Asbestos Not Present	Cellulose Hair	3 <1	CaCO3 Gypsum Sand
018	18	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
019	19	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 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. 299890
Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
019a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
020	20	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
020a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
021	21	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	10	CaCO3 Vinyl
021a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
022	22	Layered	Beige Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
022a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
023a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
024	24	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
024a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
025	25	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
025a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
026	26	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
027	27	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
028	28	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
029	29	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
030	30	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
031	31	Homogeneous	Red Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
032	32	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 09/24/2018
Received By: Taylor Hooper
Date Analyzed: 10/08/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2150

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
033	33	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
034	34	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

Cassie Sanborn, Analyst

10/13/2018
Date of Report

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

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QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299890
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: Ceil Trowink	Date:	9-20-18

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024 , 2150
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Darwin Rosenau	9-21-18 3:18		[signature]	9/24/18 9:40

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 24590
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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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 299890
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		☐				

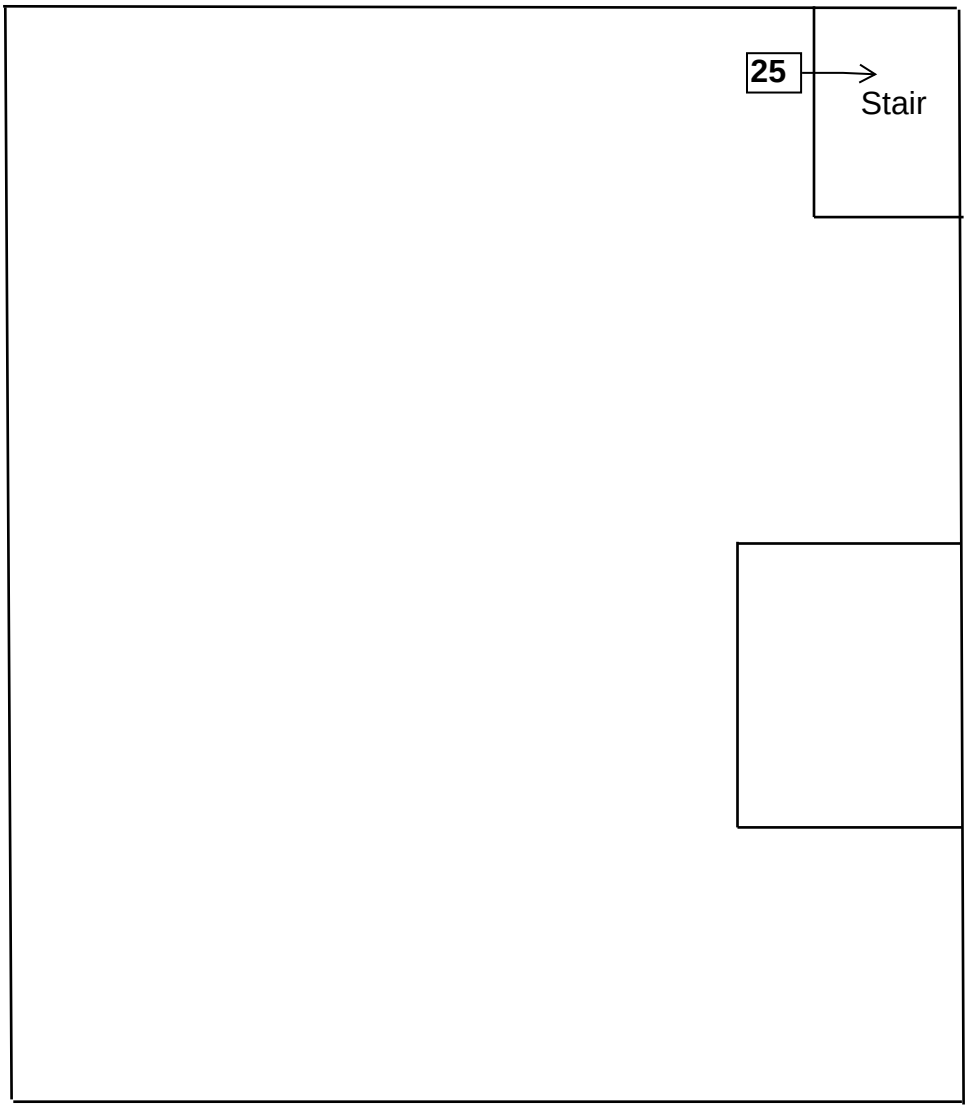
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

X. FLOOR PLANS

One Family Rear Dwelling
2150A South 19th Street
Milwaukee, Wisconsin

N

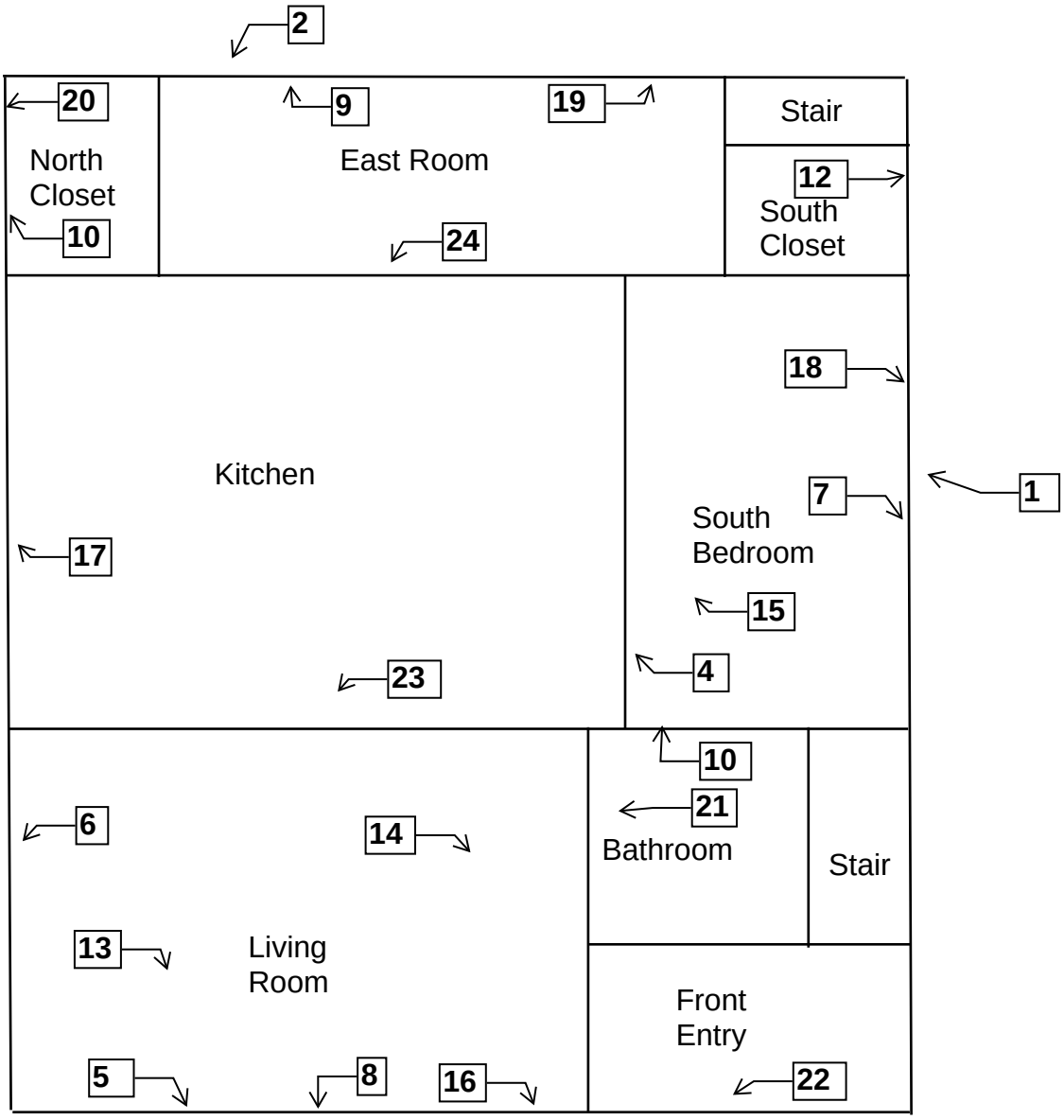
Basement Floor Plan



One Family Rear Dwelling
2150A South 19th Street
Milwaukee, Wisconsin

N

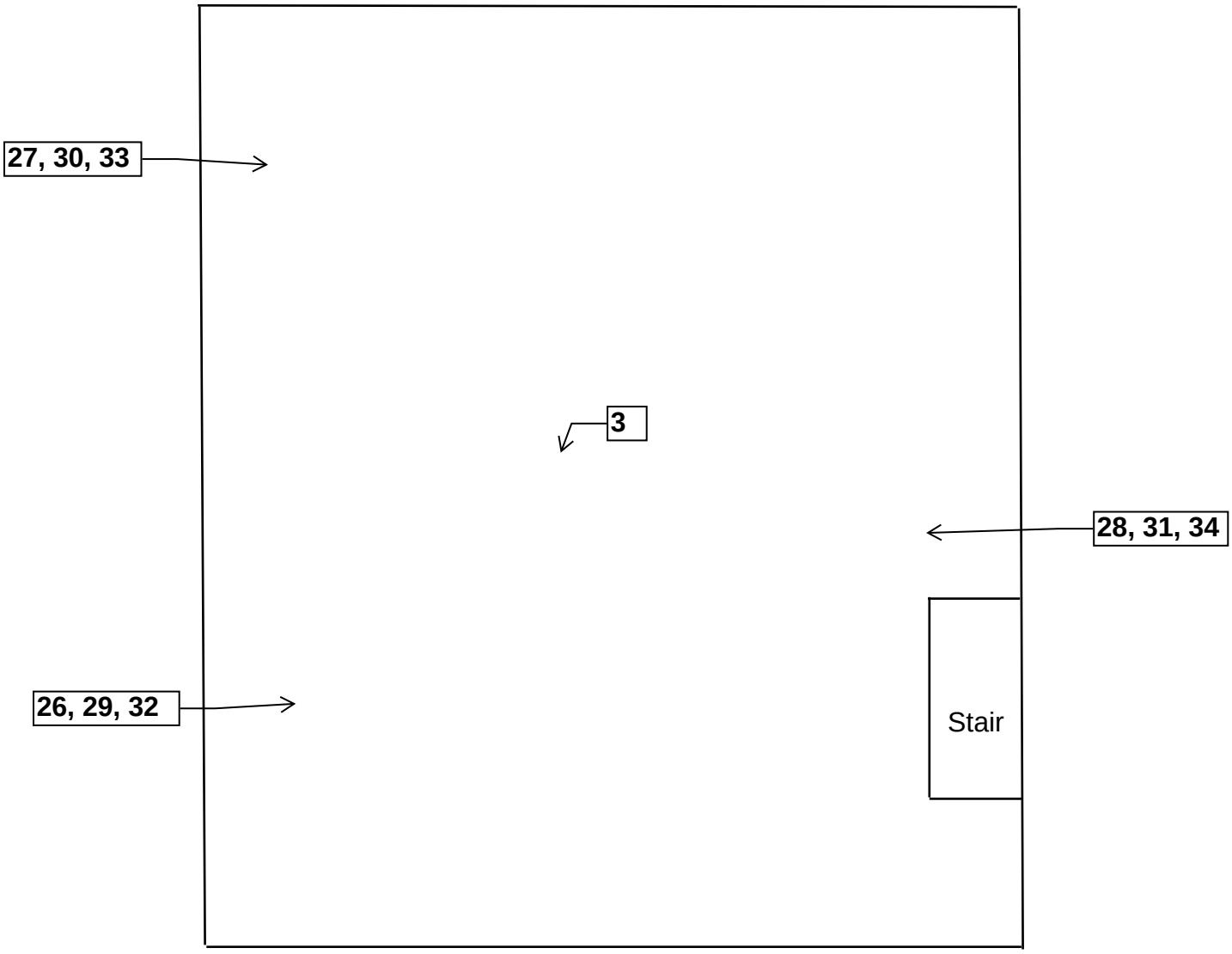
1st Floor Plan



One Family Rear Dwelling
2150A South 19th Street
Milwaukee, Wisconsin

N

Attic/Roof Floor Plan



XI. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

August 27, 2018

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

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2018-20 North 34th 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.: 18-400-024.2018-20
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

July 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2018-20 North 34th Street
Milwaukee, Wisconsin

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

July 9, 2018

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

RE: Deconstruction Inspection Report
2018-20 North 34th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2018-20 North 34th 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 2018-20 North 34th 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 exterior white caulk, window glazing compound, 1st floor 12" beige floor tile, 1st floor 12" white floor tile, and 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 exterior surfaces. Results are in Section V of this report.

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2018-20 North 34th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has aluminum and wood siding with asphalt roofing. The garage has wood siding with asphalt roofing

II. ASEBSTOS INSPECTION

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

On June 19, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2018-20 North 34th Street, Milwaukee, Wisconsin. The inspection was conducted and report written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Caulk
- Paper insulation
- Glazing compound
- Tar paper
- Asphalt roofing
- Roof flashing
- Floor tile
- Plaster
- Duct wrap
- Drywall/joint compound
- Texture
- Linoleum

- Ceramic tile
- Ceiling tile
- Flue packing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	**House Exterior – around west door – white caulk**	**Positive 4% Chrysotile**	**MCLKw**
2	**House Exterior – around north window – white caulk**	**Positive 4% Chrysotile**	**MCLKw**
3	**House Exterior – around south window – white caulk**	**Positive 4% Chrysotile**	**MCLKw**
4	House Exterior – north wall under aluminum siding – silver paper insulation	Negative	MPIs
5	House Exterior – east wall under aluminum siding – silver paper insulation	Negative	MPIs
6	House Exterior – south wall under aluminum siding – silver paper insulation	Negative	MPIs

Sample #	Location and Description	Results	Homogeneous Code
7	House Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
8	House Exterior – south wall under wood siding – tan paper insulation	Negative	MPIt
9	House Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
10	**Basement – on north window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
11	**1st floor – dining room – on south window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
12	**2nd floor – front stair – on north window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
13	Garage interior – on south wall – tar paper	Negative	MPT
14	Garage interior – on west wall – tar paper	Negative	MPT
15	Garage interior – on north wall – tar paper	Negative	MPT
16	Garage roof – west side top layer – white asphalt shingle	Negative	MRSw
17	Garage roof – east side top layer – white asphalt shingle	Negative	MRSw
18	Garage roof – north side top layer – white asphalt shingle	Negative	MRSw
19	Garage roof – west side 2nd layer – blue asphalt shingle	Negative	MRSb
20	Garage roof – east side 2nd layer – blue asphalt shingle	Negative	MRSb
21	Garage roof – north side 2nd layer – blue asphalt shingle	Negative	MRSb
22	Garage roof – west side bottom layer – tar paper #2	Negative	MPT2
23	Garage roof – east side bottom layer – tar paper #2	Negative	MPT2
24	Garage roof – north side bottom layer – tar paper #2	Negative	MPT2
25a	1st floor – front entry – 12” gray floor tile	Negative	MF12y
25b	1st floor – front entry – under 12” gray floor tile – yellow mastic	Negative	MF12y
26a	1st floor – front entry – south wall – joint compound layer	Negative	SPl
26b	1st floor – front entry – south wall – plaster skim coat	Negative	SPl
26c	1st floor – front entry – south wall – plaster base coat	Negative	SPl
27a	1st floor – dining room – east wall – joint compound layer	Negative	SPl
27b	1st floor – dining room – east wall – plaster skim coat	Negative	SPl
27c	1st floor – dining room – east wall – plaster base coat	Negative	SPl
28a	1st floor – kitchen – ceiling – plaster skim coat	Negative	SPl
28b	1st floor – kitchen – ceiling – plaster base coat	Negative	SPl
29a	1st floor – rear stair – east wall – joint compound layer	Negative	SPl
29b	1st floor – rear stair – east wall – plaster skim coat	Negative	SPl
29c	1st floor – rear stair – east wall – plaster base coat	Negative	SPl
30a	2nd floor – east bedroom – west wall – plaster skim coat	Negative	SPl
30b	2nd floor – east bedroom – west wall – plaster base coat	Negative	SPl
31a	2nd floor – west bedroom – east wall – plaster skim coat	Negative	SPl
31b	2nd floor – west bedroom – east wall – plaster base coat	Negative	SPl
32a	2nd floor – front stair – west wall – plaster skim coat	Negative	SPl
32b	2nd floor – front stair – west wall – plaster base coat	Negative	SPl
33	1st floor – living room – on south wall duct – brown paper insulation	Negative	MPIn
36a	1st floor – dining room – north wall – joint compound	Negative	MDW
36b	1st floor – dining room – north wall – drywall	Negative	MDW
37a	1st floor – bathroom – west wall – joint compound	Negative	MDW
37b	1st floor – bathroom – west wall – drywall	Negative	MDW
38a	2nd floor – pantry – south wall – joint compound	Negative	MDW
38b	2nd floor – pantry – south wall – drywall	Negative	MDW
39	1st floor – living room – south side on ceiling – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
40	1st floor – living room – west side on ceiling – texture	Negative	STX
41	1st floor – living room – north side on ceiling – texture	Negative	STX
42a	1st floor – north bedroom – under carpet – carpet pad	Negative	MCP
42b	1st floor – north bedroom – under carpet pad – yellow mastic	Negative	MCP
42c	1st floor – north bedroom – under carpet bottom layer – 12" white and gray floor tile	Negative	MF12wy
42d	1st floor – north bedroom – under 12" white and gray floor tile – yellow mastic	Negative	MF12wy
43a	1st floor – north bedroom closet – white and black linoleum	Negative	MFLwk
43b	1st floor – north bedroom closet – under white and black linoleum – yellow mastic	Negative	MFLwk
44a	1st floor – hall floor top layer – white ceramic tile	Negative	MCTMw
44b	1st floor – hall floor top layer – grout	Negative	MCTMw
44c	1st floor – hall floor top layer – under white ceramic tile – mortar	Negative	MCTMw
45a	1st floor – hall floor 3rd layer – 12" black and gold floor tile	Negative	MF12kd
45b	1st floor – hall floor 3rd layer – under 12" black and gold floor tile – yellow mastic	Negative	MF12kd
45c	1st floor – hall floor 4th layer – 12" tan floor tile	Negative	MF12t
45d	1st floor – hall floor 4th layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
45e	**1st floor – hall floor 5th layer – 12" beige floor tile**	**Positive 5% Chrysotile**	**MF12e**
45f	1st floor – hall floor 5th layer – under 12" beige floor tile – yellow mastic	Negative	MF12e
45Aa	1st floor – kitchen north side 3rd layer – 12" black and gold floor tile	Negative	MF12kd
45Ab	1st floor – kitchen north side 3rd layer – under 12" black and gold floor tile – yellow mastic	Negative	MF12kd
45Ac	1st floor – kitchen north side 4th layer – 12" tan floor tile	Negative	MF12t
45Ad	1st floor – kitchen north side 4th layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
45Ae	**1st floor – kitchen north side 5th layer – 12" beige floor tile**	**Positive 5% Chrysotile**	**MF12e**
45Af	1st floor – kitchen north side 5th layer – under 12" beige floor tile – yellow mastic	Negative	MF12e
45Ba	1st floor – kitchen north side 3rd layer – 12" black and gold floor tile	Negative	MF12kd
45Bb	1st floor – kitchen north side 3rd layer – under 12" black and gold floor tile – yellow mastic	Negative	MF12kd
46a	1st floor – bathroom floor top layer – pink ceramic tile	Negative	MCTMp
46b	1st floor – bathroom floor top layer – grout	Negative	MCTMp
46c	1st floor – bathroom floor top layer – under pink ceramic tile – yellow mastic	Negative	MCTMp
46d	1st floor – bathroom floor top layer – under yellow mastic – concrete board	Negative	MCTMp
47a	1st floor – bathroom floor bottom layer – tan ceramic tile	Negative	MCTMt
47b	1st floor – bathroom floor bottom layer – grout	Negative	MCTMt
47c	1st floor – bathroom floor bottom layer – under tan ceramic tile – yellow mastic	Negative	MCTMt
47d	1st floor – bathroom floor bottom layer – under yellow mastic – mortar	Negative	MCTMt

Sample #	Location and Description	Results	Homogeneous Code
48a	1st floor – bathroom – on walls at tub – gray and tan ceramic tile	Negative	MCTMyt
48b	1st floor – bathroom – on walls at tub – grout	Negative	MCTMyt
48c	1st floor – bathroom – on walls at tub – under gray and tan ceramic tile – tan mastic	Negative	MCTMyt
48d	1st floor – bathroom – on walls at tub – under mastic – joint compound	Negative	MCTMyt
49	1st floor – bathroom – on tub – clear caulk	Negative	MCLKc
50a	1st floor – kitchen floor – north side top layer – blue and white ceramic tile	Negative	MCTMbw
50b	1st floor – kitchen floor – north side top layer – grout	Negative	MCTMbw
50c	1st floor – kitchen floor – north side top layer – under blue and white ceramic tile – mortar	Negative	MCTMbw
50d	1st floor – kitchen floor – north side top layer – under mortar – leveling compound	Negative	MCTMbw
51a	1st floor – kitchen floor – south side top layer – blue and white ceramic tile	Negative	MCTMbw
51b	1st floor – kitchen floor – south side top layer – grout	Negative	MCTMbw
51c	1st floor – kitchen floor – south side top layer – under blue and white ceramic tile – mortar	Negative	MCTMbw
51d	1st floor – kitchen floor – south side top layer – under mortar – leveling compound	Negative	MCTMbw
52a	1st floor – kitchen floor – west side top layer – blue and white ceramic tile	Negative	MCTMbw
52b	1st floor – kitchen floor – west side top layer – grout	Negative	MCTMbw
52c	1st floor – kitchen floor – west side top layer – under blue and white ceramic tile – mortar	Negative	MCTMbw
53a	1st floor – kitchen on counter – blue ceramic tile	Negative	MCTMb
53b	1st floor – kitchen on counter – grout	Negative	MCTMb
54a	1st floor – pantry floor top layer – cream ceramic tile	Negative	MCTMc
54b	1st floor – pantry floor top layer – grout	Negative	MCTMc
54c	1st floor – pantry floor top layer – under cream ceramic tile – mortar	Negative	MCTMc
55a	1st floor – pantry floor 3rd layer – 12” cream floor tile	Negative	MF12c
55b	1st floor – pantry floor 3rd layer – under 12” cream floor tile - yellow mastic	Negative	MF12c
55c	**1st floor – pantry floor 4th layer – 12” white floor tile**	**Positive 5% Chrysotile**	**MF12w**
55d	1st floor – pantry floor 4th layer – under 12” white floor tile - yellow mastic	Negative	MF12w
56	1st floor – east bedroom – 1’ x 1’ ceiling tile	Negative	MSCT11
57a	1st floor – east bedroom – 12” tan and beige floor tile	Negative	MF12te
57b	1st floor – east bedroom – under 12” tan and beige floor tile – yellow mastic	Negative	MF12te
58	1st floor – east bedroom – on south wall under wood panel – brown mastic	Negative	MPT
59	1st floor – rear stair – on west wall – joint compound patch	Negative	MJC
60	1st floor – rear stair – on landing – brown linoleum	Negative	MFLn
61a	2nd floor – hall – 12” cream and pink floor tile	Negative	MF12cp
61b	2nd floor – hall – under 12” cream and pink floor tile – brown mastic	Negative	MF12cp
62a	2nd floor – kitchen north side – 12” cream and pink floor tile	Negative	MF12cp

Sample #	Location and Description	Results	Homogeneous Code
62b	2nd floor – kitchen north side – under 12” cream and pink floor tile – brown mastic	Negative	MF12cp
63a	2nd floor – kitchen south side – 12” cream and pink floor tile	Negative	MF12cp
63b	2nd floor – kitchen south side – under 12” cream and pink floor tile – brown mastic	Negative	MF12cp
64a	2nd floor – east bedroom top layer – 12” blue floor tile	Negative	MF12b
64b	2nd floor – east bedroom bottom layer – white and brown linoleum	Negative	MFLwn
65a	2nd floor – east bedroom closet under carpet – brown and gray linoleum	Negative	MFLny
65b	2nd floor – east bedroom closet under brown and gray linoleum – brown mastic	Negative	MFLny
66a	2nd floor – bathroom floor – white and green ceramic tile	Negative	MCTMwg
66b	2nd floor – bathroom floor – grout	Negative	MCTMwg
67	2nd floor – bathroom – on south wall under plastic panel – beige mastic	Negative	MPMe
68a	2nd floor – bathroom wallbase – white ceramic tile #2	Negative	MCTMw2
68b	2nd floor – bathroom wallbase – under white ceramic tile #2 – mortar	Negative	MCTMw2
69	2nd floor – dining room – east side on ceiling – texture #2	Negative	STX2
70	2nd floor – dining room – west side on ceiling – texture #2	Negative	STX2
71	2nd floor – dining room – south side on ceiling – texture #2	Negative	STX2
72a	2nd floor – west bedroom top layer – 12” tan and white floor tile	Negative	MF12tw
72b	2nd floor – west bedroom bottom layer – red linoleum	Negative	MFLr
72c	2nd floor – west bedroom bottom layer – under red linoleum – brown mastic	Negative	MFLr
73	2nd floor – living room – under laminate flooring – yellow mastic	Negative	MFMl
74	2nd floor – living room – southeast on ceiling – texture #3	Negative	STX3
75	2nd floor – living room – southwest on ceiling – texture #3	Negative	STX3
76	2nd floor – living room – north on ceiling – texture #3	Negative	STX3
77	House Roof – top layer southwest – gray asphalt shingle	Negative	MRSy
78	House Roof – top layer southeast – gray asphalt shingle	Negative	MRSy
79	House Roof – top layer northeast – gray asphalt shingle	Negative	MRSy
80	House Roof – 2nd layer southwest – blue and green asphalt shingle	Negative	MRSbg
81	House Roof – 2nd layer southeast – blue and green asphalt shingle	Negative	MRSbg
82	House Roof – 2nd layer northeast – blue and green asphalt shingle	Negative	MRSbg
83	House Roof – 3rd layer northeast – green asphalt shingle	Negative	MRSg
84	House Roof – 3rd layer southeast – green asphalt shingle	Negative	MRSg
85	House Roof – 3rd layer southwest – green asphalt shingle	Negative	MRSg
86	House Roof – bottom layer southwest – tar paper #3	Negative	MPT3
87	House Roof – bottom layer southeast – tar paper #3	Negative	MPT3
88	House Roof – bottom layer northeast – tar paper #3	Negative	MPT3
89	Basement – southeast closet on shelves – tan and red linoleum	Negative	MFLtr
90a	Basement – southeast closet on shelves – tan and brown linoleum	Negative	MFLtn
90b	Basement – southeast closet on shelves – under tan and brown linoleum – brown mastic	Negative	MFLtn

Sample #	Location and Description	Results	Homogeneous Code
91	Basement – on east wall – plaster #2	Negative	SPl2
92	Basement – on north wall – plaster #2	Negative	SPl2
93	Basement – on south wall – plaster #2	Negative	SPl2
94	Basement – northeast closet in box – 12" green and beige floor tile	Negative	MF12ge
95	Basement – northeast closet on shelf – tan and black linoleum	Negative	MFLtk
96	Basement – northeast closet on shelf – beige linoleum	Negative	MFLe
97	**Basement – on south center boot – duct wrap**	**Positive 60% Chrysotile**	**TDW**
98	Basement – on chimney – flue packing	Negative	TFP

Five (5) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
White Caulk	MCLKw	Exterior Around Windows & Doors	31 Windows & 3 Doors	Fair
Window Glazing Compound	MPG	Windows on All Floors	41 Windows	Poor
12" Beige Floor Tile	MF12e	1st Floor Hall & Kitchen 5th Layer	210 SF	Good
12" White Floor Tile	MF12w	1st Floor Pantry 4th Layer	20 SF	Good
Duct Wrap	TDW	Basement on Center Boot	3 SF	Fair

Assumed Asbestos Containing Materials

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
STX3	Texture #3
MPIt	Tan Paper Insulation
MCLKw	White Caulk Exterior
MCLKc	Cream Caulk Exterior
MPIs	Silver Paper Insulation
MPIt	Tan Paper Insulation
MPIn	Brown Paper Insulation
MPG	Glazing Compound
MPT	Tar Paper Garage Interior
MPT2	Tar Paper Garage Roof
MPT3	Tar Paper House Roof
MRSw	White Asphalt Shingle
MRSb	Blue Asphalt Shingle
MRSy	Gray Asphalt Shingle
MRSbg	Blue & Green Asphalt Shingle
MRSg	Green Asphalt Shingle
MF12y	12” Gray Floor Tile
MF12wy	12” White & Gray Floor Tile
MF12kd	12” Black & Gold Floor Tile
MF12t	12” Tan Floor Tile
MF12e	12” Beige Floor Tile
MF12te	12” Tan & Beige Floor Tile
MF12cp	12” Cream & Pink Floor Tile
MF12b	12” Blue Floor Tile
MF12ge	12” Green & Beige Floor Tile
MRMk	Black Built up Roofing
MRSgy	Green & Gray Asphalt Shingle
MDW	Drywall/Joint Compound
MFLwk	White & Black Linoleum
MFLt	Tan Linoleum
MFLn	Brown Linoleum
MFLwn	White & Brown Linoleum
MFLny	Brown & Gray Linoleum
MFLr	Red Linoleum
MFLtr	Tan & Red Linoleum
MFLtn	Tan & Brown Linoleum
MFLtk	Tan & Black Linoleum
MFLe	Beige Linoleum
MCTMw	White Ceramic Tile
MCTMp	Pink Ceramic Tile
MCTMe	Beige Ceramic Tile
MCTMyt	Gray & Tan Ceramic Tile
MCTMbw	Blue & White Ceramic Tile
MCTMb	Blue Ceramic Tile
MCTMc	Cream Ceramic Tile
MCTMwg	White & Green Ceramic Tile
MCTMw2	White Ceramic Tile #2
MSCT11	1’ x 1’ Ceiling Tile
MPMn	Brown Wall Mastic
MPMe	Beige Wall Mastic
MFMl	Yellow Floor Mastic
MJC	Joint Compound Patch
TDW	Duct Wrap

Homogeneous Material Codes

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 2018-20 North 34th Street, Milwaukee, Wisconsin, took place on June 19, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 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: 2018-20 North 34th Street, Milwaukee, Wisconsin

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

Exterior: 2018-20 North 34th Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2018-20 North 34th Street, Milwaukee, Wisconsin **Date: 6/29/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	House Exterior	West Wall	Brick	Green	0.00488

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

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

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

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

ELECTRICAL SYSTEMS – 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
17	Junk Auto Tires – Basement
N/A	Junk Vehicles

* 28 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. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
002	2	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
003	3	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
004	4	Homogeneous	Silver Wrap	Asbestos Not Present	Cellulose 40	Tar Foil
005	5	Homogeneous	Silver Wrap	Asbestos Not Present	Cellulose 40	Tar Foil
006	6	Homogeneous	Silver Wrap	Asbestos Not Present	Cellulose 40	Tar Foil
007	7	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	8	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
009	9	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose 100	
010	10	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
011	11	Homogeneous	Tan Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
012	12	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 4	NA	CaCO3
013	13	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 80	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
015	15	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
016	16	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
017	17	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
018	18	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
019	19	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
020	20	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose	30	Tar Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
021	21	Homogeneous	Blue Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
022	22	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
023	23	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
024	24	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
025	25	Layered	Tan Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
025a		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
026	26	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
026a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
026b		Layered	Tan Plaster	Asbestos Not Present	Cellulose <1	CaCO3 Gypsum Sand
027	27	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
027a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
027b		Layered	Tan Plaster	Asbestos Not Present	Cellulose <1	CaCO3 Gypsum Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
028	28	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
028a		Layered	Tan Plaster	Asbestos Not Present	Cellulose <1	CaCO3 Gypsum Sand
029	29	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
029a		Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
029b		Layered	Tan Plaster	Asbestos Not Present	Hair <1	CaCO3 Sand
030	30	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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030a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand
031	31	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
031a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand
032	32	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
032a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand
033	33	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	90	Binder
034	36	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3

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034a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
035	37	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum
035a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
036	38	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum
036a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
037	39	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Gypsum Paint

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038	40	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
039	41	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
040	42	Layered	Yellow Padding	Asbestos Not Present	NA	Foam
040a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040b		Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
040c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
041	43	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl

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041a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
042	44	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
042a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
042b		Layered	Dark Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
043	45	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
043a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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043b		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
043c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
043d		Layered	White Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
043e		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
044	45A	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
044a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
044b		Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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044c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
044d		Layered	White Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
044e		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
045	45B	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
045a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
046	46	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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046a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
046b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
046c		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
047	47	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay Sand
047a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
047b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
047c		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand

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048	48	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand
048a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
048b		Layered	Tan Mastic	Asbestos Not Present	NA	CaCO3 Glue
048c		Layered	White Leveling Compound	Asbestos Not Present	NA	CaCO3 Gypsum
049	49	Homogeneous	Clear Caulk	Asbestos Not Present	NA	Silicone
050	50	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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050a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
050b		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
050c		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3 Gypsum
051	51	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand
051a		Layered	Tan Grout	Asbestos Not Present	NA	CaCO3 Sand
051b		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
051c		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3 Gypsum

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
052	52	Layered	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand
052a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
052b		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3 Gypsum
053	53	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
053a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Sand
054	54	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
054a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
054b		Layered	Tan Leveling Compound	Asbestos Not Present	NA	CaCO3 Gypsum
055	55	Layered	Yellow Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
055b		Layered	White Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
055c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
056	56	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
057	57	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
057a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
058	58	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	CaCO3 Glue
059	59	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
060	60	Homogeneous	Yellow Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
061	61	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
061a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
062	62	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
062a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
063	63	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
063a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
064	64	Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
064a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
065	65	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
065a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
066	66	Layered	Blue Ceramic Tile	Asbestos Not Present	NA	Clay Sand
066a		Layered	Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
067	67	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
068	68	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
068a		Layered	Gray Mortar	Asbestos Not Present	NA	CaCO3 Sand
069	69	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
070	70	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
071	71	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
072	72	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
072a		Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
072b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
073	73	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
074	74	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
075	75	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
076	76	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
077	77	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose 45	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
078	78	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
079	79	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
080	80	Homogeneous	Multi-Color Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
081	81	Homogeneous	Multi-Color Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
082	82	Homogeneous	Multi-Color Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
083	83	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
084	84	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
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Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
085	85	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
086	86	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
087	87	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
088	88	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	45	Tar Sand
089	89	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	55	CaCO3 Vinyl Tar
090	90	Layered	Brown Linoleum	Asbestos Not Present	Cellulose	55	CaCO3 Vinyl Tar

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 06/20/2018
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Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
090a		Layered	Brown Mastic	Asbestos Not Present	NA	CaCO3 Glue
091	91	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
092	92	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
093	93	Homogeneous	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
094	94	Homogeneous	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
095	95	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 40	CaCO3 Vinyl Tar
096	96	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose 40	CaCO3 Vinyl Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 295786
Account Number: B929
Date Received: 06/20/2018
Received By: Amber Bassett
Date Analyzed: 06/27/2018
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: 18-400-024.2018-20

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
097	97	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
098	98	Homogeneous	White Insulation	Asbestos Not Present	NA	CaCO3 Perlite Sand

Cassie Sanborn, Analyst

6/27/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 295786	
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:	18-400-024.2018-20
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	6/19/18 1700	FedEx	Amber Bassett 9:40	6-20-18

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

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For Lab Use Only
Lab No. 295786
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. 295786
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	36	☐				
35	37	☐				
36	38	☐				
37	39	☐				
38	40	☐				
39	41	☐				
40	42	☐				
41	43	☐				
42	44	☐				
43	45	☐				
44	45A	☐				
45	45B	☐				
46	46	☐				
47	47	☐				
48	48	☐				
49	49	☐				
50	50	☑				

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Lab No. 295786
Accept Reject

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

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

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For Lab Use Only
Lab No. 295786
Accept Reject

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
71	71	☑				
72	72	☑				
73	73	☑				
74	74	☑				
75	75	☑				
76	76	☑				
77	77	☑				
78	78	☑				
79	79	☑				
80	80	☑				
81	81	☑				
82	82	☑				
83	83	☑				
84	84	☑				
85	85	☑				
86	86	☑				
87	87	☑				
88	88	☑				
89	89	☑				
90	90	☑				

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For Lab Use Only
Lab No. 295786
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
91	91	☐				
92	92	☐				
93	93	☐				
94	94	☐				
95	95	☐				
96	96	☐				
97	97	☐				
98	98	☐				
_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: 295767
Date Received: 06/20/18
Received By: Amber Bassett
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 06/27/18

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.: 18-400-024.2018-20

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.180	0.00488	%	06/21/18 15:10	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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For Lab Use Only	
Lab No. 295767	
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:	18-400-024.2018-20

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	6/19/18 1700	FedEx	Amber Bassett 9:40	6-20-18

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														
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

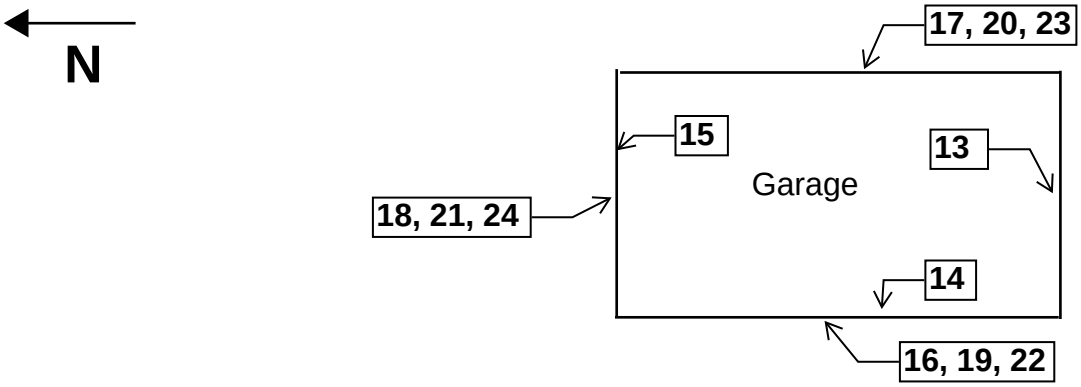
TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
✓	5 - Day

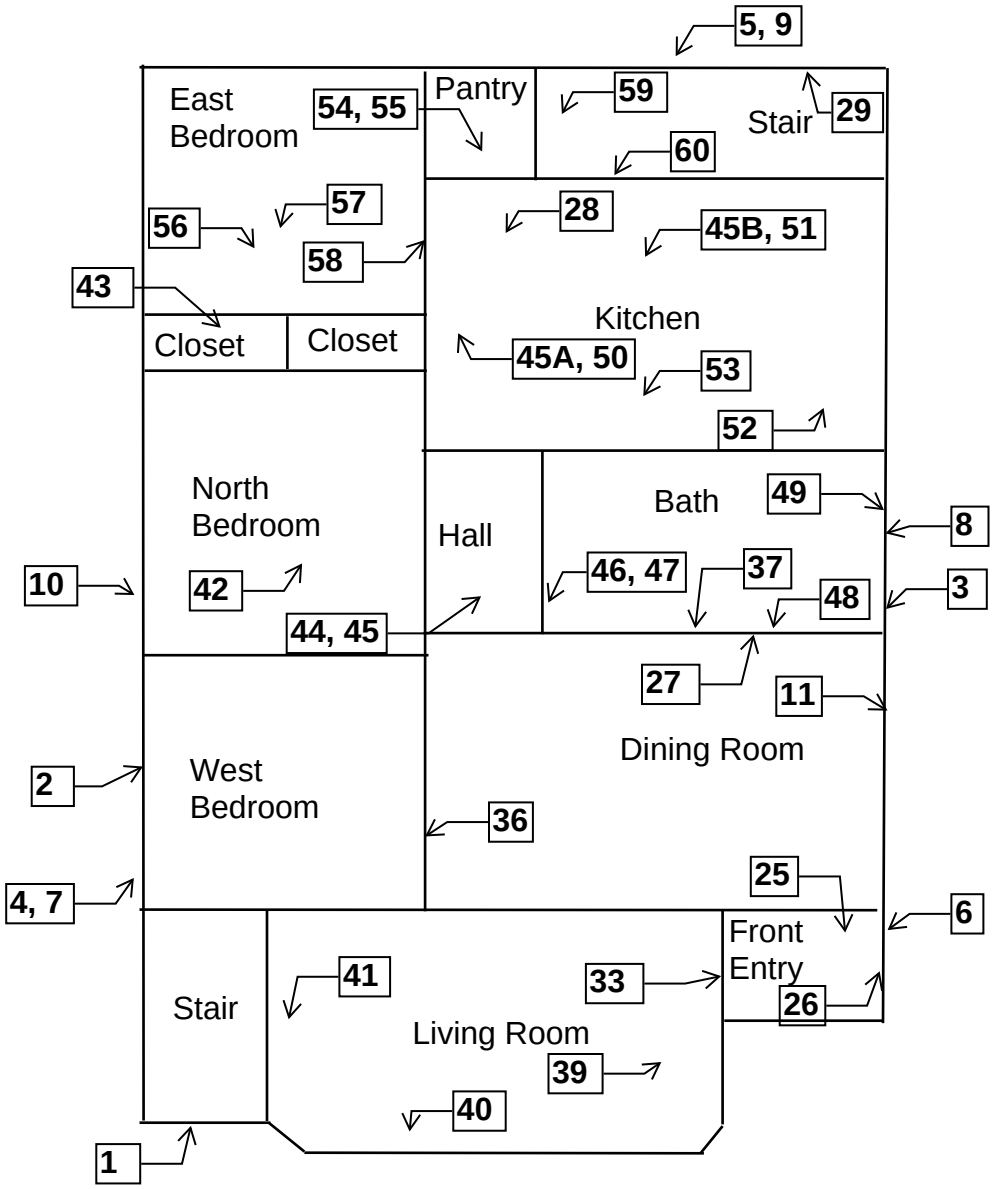
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

Two Family Dwelling
2018-20 North 34th Street
Milwaukee, Wisconsin

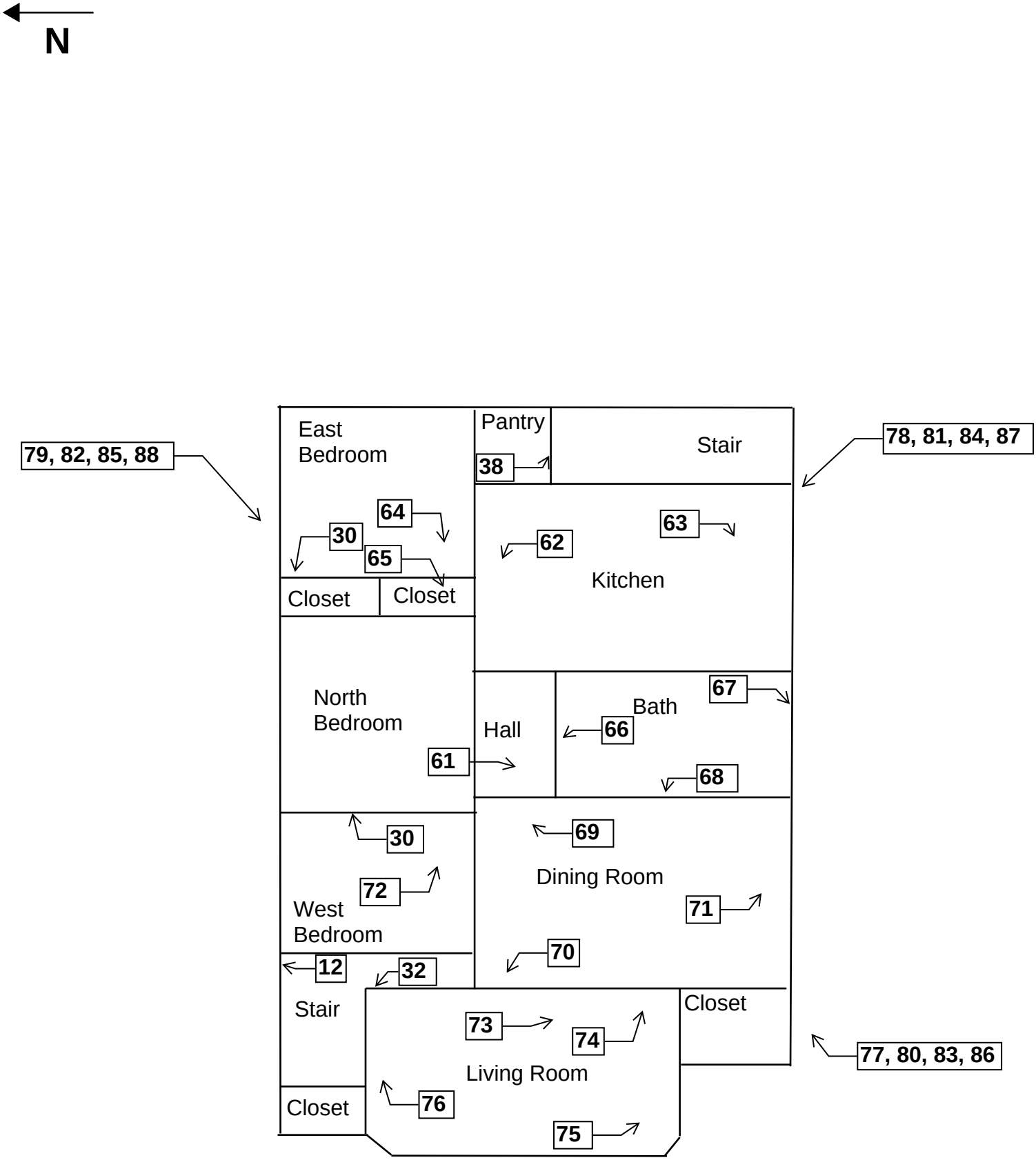
1st Floor Plan





Two Family Dwelling
2018-20 North 34th Street
Milwaukee, Wisconsin

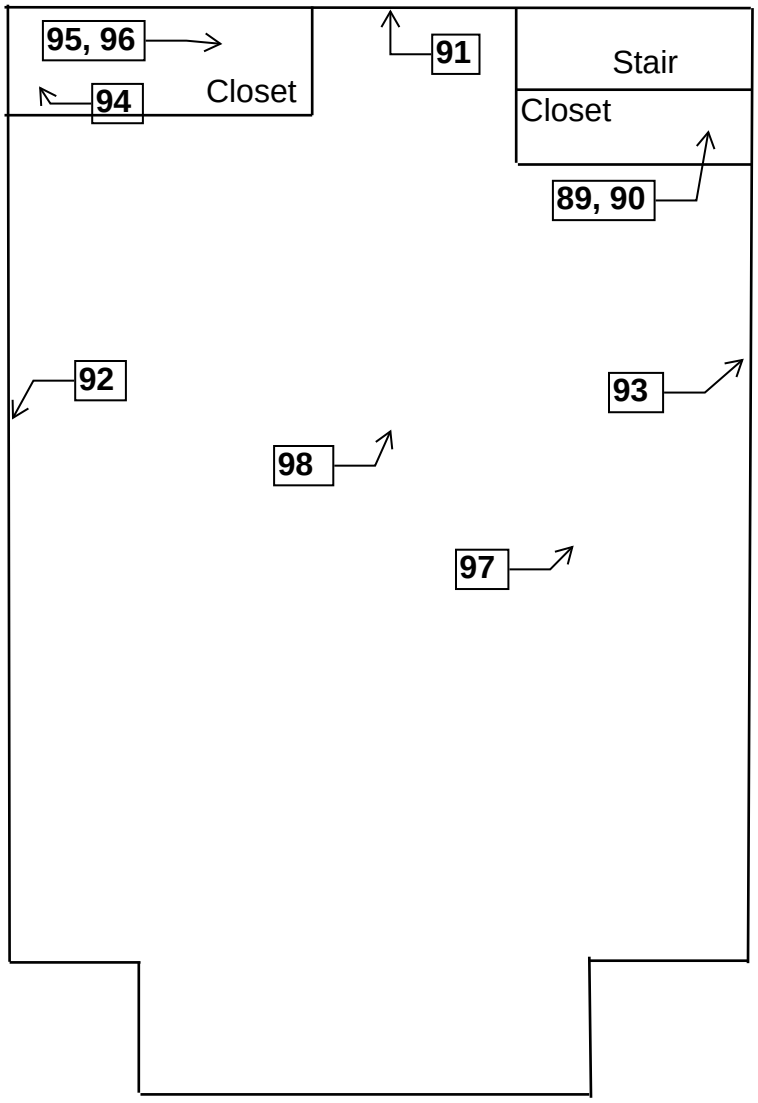
2nd Floor Plan



Two Family Dwelling
2018-20 North 34th 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:

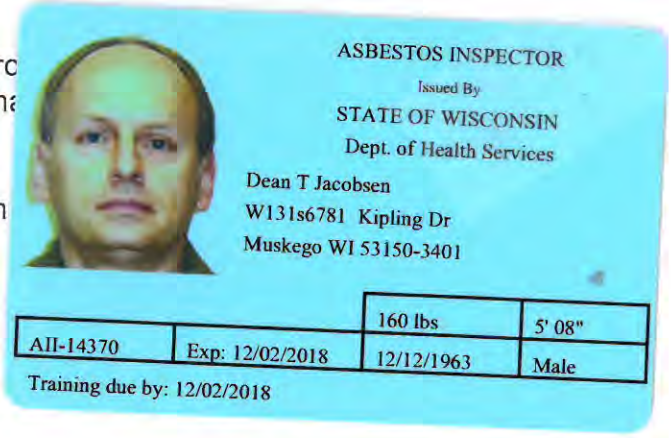
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2528-30 North 39th 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.: 18-400-024.2528-30
Inspector: Damian Rogowski
Contract No.: 360-18-0975

Prepared by:

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

December 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2528-30 North 39th Street
Milwaukee, Wisconsin

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

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

December 28, 2018

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

RE: Deconstruction Inspection Report
2528-30 North 39th Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2528-30 North 39th 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 2528-30 North 39th 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 window glazing compound, duct wrap, and 2nd floor bathroom linoleum sampled during the inspection. Asbestos was detected at less than 1% in plaster walls and ceilings. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

Lead was detected in paint on exterior columns and 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 2528-30 North 39th Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On December 14, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 2528-30 North 39th 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:

- Window glazing compound
- Asphalt roofing
- Tar paper
- Texture
- Linoleum
- Floor tile
- Plaster
- Ceiling tile
- Drywall/joint compound
- Ceramic tile
- Duct wrap
- 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. 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 – on west window – glazing compound	Negative	MPG
2	**Exterior – on north window – glazing compound**	**Positive 3% Chrysotile**	**MPG**
3	Exterior – on east window – glazing compound	Negative	MPG
4	Roof – west side – black and brown asphalt shingle	Negative	MRSnk
5	Roof – north side – black and brown asphalt shingle	Negative	MRSnk
6	Roof – east side – black and brown asphalt shingle	Negative	MRSnk
7	Exterior – west wall under wood siding – tar paper	Negative	MPT
8	Exterior – north wall under wood siding – tar paper	Negative	MPT
9	Exterior – east wall under wood siding – tar paper	Negative	MPT
10	1st floor – front entry – on east wall – texture	Negative	STX
11	1st floor – living room – on north wall – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
12	1st floor – dining room – on north wall – texture	Negative	STX
13	1st floor – bathroom – on north wall under panel – white mastic	Negative	MPMw
14a	1st floor – rear stair landing top layer – white linoleum	Negative	MFLw
14b	1st floor – rear stair landing 2nd layer – beige linoleum	Negative	MFLe
14c	1st floor – rear stair landing 2nd layer – under beige linoleum – yellow mastic	Negative	MFLe
14d	1st floor – rear stair landing 3rd layer – tar paper #2	Negative	MPT2
15a	2nd floor – rear stair landing top layer – white linoleum	Negative	MFLw
15b	2nd floor – rear stair landing top layer – under white linoleum – yellow mastic	Negative	MFLw
15c	2nd floor – rear stair landing 2nd layer – linoleum backing	Negative	MFLback
15d	2nd floor – rear stair landing 2nd layer – under linoleum backing – tan mastic	Negative	MFLln
15e	2nd floor – rear stair landing 3rd layer – yellow and brown linoleum	Negative	MFLln
15f	2nd floor – rear stair landing 3rd layer – under yellow and brown linoleum – yellow and black mastic	Negative	MFLln
16a	1st floor – kitchen – southwest top layer – 12” gray and floor tile	Negative	MF12yt
16b	1st floor – kitchen – southwest 2nd layer – 12” gray floor tile	Negative	MF12y
16c	1st floor – kitchen – southwest 2nd layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
17a	1st floor – kitchen – east top layer – 12” gray and floor tile	Negative	MF12yt
17b	1st floor – kitchen – east 2nd layer – 12” gray floor tile	Negative	MF12y
17c	1st floor – kitchen – east 2nd layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
18a	1st floor – kitchen – north top layer – 12” gray and floor tile	Negative	MF12yt
18b	1st floor – kitchen – north 2nd layer – 12” gray floor tile	Negative	MF12y
18c	1st floor – kitchen – north 2nd layer – under 12” gray floor tile – yellow mastic	Negative	MF12y
19a	1st floor – northeast bedroom – south wall – joint compound layer	Negative	SPl
19b	1st floor – northeast bedroom – south wall – plaster skim coat	Negative	SPl
19c	1st floor – northeast bedroom – south wall – plaster base coat	Negative	SPl
20a	1st floor – dining room – east wall – joint compound layer	Negative	SPl
20b	1st floor – dining room – east wall – plaster skim coat	Negative	SPl
20c	1st floor – dining room – east wall – plaster base coat	Negative	SPl
21a	1st floor – living room – north wall – joint compound layer	Negative	SPl
21b	1st floor – living room – north wall – plaster skim coat	Negative	SPl
21c	1st floor – living room – north wall – plaster base coat	Negative	SPl
22a	2nd floor – living room – north wall – plaster skim coat	Negative	SPl
22b	2nd floor – living room – west wall – plaster base coat	Trace <1% Chrysotile	SPl
22b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
23	2nd floor – kitchen – south wall – plaster	Trace <1% Chrysotile	SPl
23	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
25a	2nd floor – kitchen top layer – white linoleum	Negative	MFLw

Sample #	Location and Description	Results	Homogeneous Code
25b	2nd floor – kitchen top layer – under white linoleum – tan mastic	Negative	MFLw
25c	2nd floor – kitchen 2nd layer – tan linoleum	Negative	MFLt
25d	2nd floor – kitchen 2nd layer – under tan linoleum – orange mastic	Negative	MFLt
26	2nd floor – dining room – on north wall – texture #2	Negative	STX2
27	2nd floor – dining room – on southeast wall – texture #2	Negative	STX2
28	2nd floor – dining room – on northeast wall – texture #2	Negative	STX2
29	2nd floor – north bedroom – 2' x 4' ceiling tile	Negative	MSCT24
30	2nd floor – hall – north wall – drywall	Negative	MDW
31a	1st floor – dining room – north wall – joint compound	Negative	MDW
31b	1st floor – dining room – north wall – drywall	Negative	MDW
32a	2nd floor – northeast bedroom – south wall – joint compound	Negative	MDW
32b	2nd floor – northeast bedroom – south wall – drywall	Negative	MDW
33	2nd floor – bathroom – on ceiling – texture #3	Negative	STX3
34	2nd floor – bathroom – on north wall – texture #3	Negative	STX3
35	2nd floor – bathroom – on south wall – texture #3	Negative	STX3
36	2nd floor – bathroom – on east wall under panel – tan mastic	Negative	MPMt
37a	2nd floor – bathroom – on north wall – white ceramic tile	Negative	MCTMw
37b	2nd floor – bathroom – on north wall – grout	Negative	MCTMw
37c	2nd floor – bathroom – on north wall – under white ceramic tile – yellow mastic	Negative	MCTMw
38a	2nd floor – bathroom – south side top layer – 12" gray and blue floor tile	Negative	MF12yb
38b	2nd floor – bathroom – south side 2nd layer – 12" gray and brown floor tile	Negative	MF12yn
38c	2nd floor – bathroom – south side 2nd layer – under 12" gray and brown floor tile – yellow mastic	Negative	MF12yn
39	**2nd floor – bathroom north side – yellow and gold linoleum**	**Positive 20% Chrysotile**	**MFLld**
40a	Basement – on chimney – flue packing bottom layer	Negative	TFP
40b	Basement – on chimney – flue packing top layer	Negative	TFP
41	**Basement – center on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
42	**Basement – west side on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
43	**Basement – north side on duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	38 Windows	Fair
Duct Wrap	TDW	Basement on Ducts	25 SF	Poor
Yellow & Gold Linoleum	MFLld	2nd Floor Bathroom North Side	20 SF	Poor

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Plaster	SPl	1st Floor Rooms Walls & Ceilings 2nd Floor Rooms Walls & Ceilings Stair Walls & Ceilings	9,200 SF	Fair

Assumed Asbestos Containing Materials

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

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

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

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

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

HMG recommends that the plaster 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
STX2	Texture #2
STX3	Texture #2
MPG	Glazing Compound
MRSkn	Black & Brown Asphalt Shingle
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MPMw	White Wall Panel Mastic
MPMt	Tan Wall Panel Mastic
MFLw	White Linoleum
MFLe	Beige Linoleum

Homogeneous Material Codes

MFLback	Linoleum Backing
MFLln	Yellow & Brown Linoleum
MFLt	Tan Linoleum
MFLld	Yellow & Gold Linoleum
MF12yt	12" Gray & Tan Floor Tile
MF12y	12" Gray Floor Tile
MF12yb	12" Gray & Blue Floor Tile
MF12yn	12" Gray & Brown Floor Tile
MSCT24	2' x 4' Ceiling Tile
MCTMw	White Ceramic Tile
MDW	Drywall/Joint 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 2528-30 North 39th Street, Milwaukee, Wisconsin, took place on December 14, 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: 2528-30 North 39th Street, Milwaukee, Wisconsin

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

Exterior: 2528-30 North 39th Street, Milwaukee, Wisconsin

- **Painted block and concrete were observed on the exterior columns. Lead based paint was detected on the porch columns.**

The following are the laboratory results.

Site: 2528-30 North 39th Street, Milwaukee, Wisconsin **Date: 12/14/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	South Floor	Concrete	White	0.0263
P2	Basement	South Wall	Block	Gray	0.102
P3	Exterior	Porch Column Top	Concrete	Green	0.0373
P4	**Exterior**	**Porch Column**	**Block**	**Tan**	**7.09**

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

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

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

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

VI. EXCLUSIONS

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

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

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS – 2 Electric Boxes in Basement

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

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

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

OTHER ENVIRONMENTAL ISSUES

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

* 2 Gas Meters and 10 Gallons Paint in Basement
* 10 Gallons Paint in Attic

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. 303070
Account Number: B929
Date Received: 12/17/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/28/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Gray/Tan Window Glazing	Asbestos Not Present	NA	CaCO3
002	2	Homogeneous	Gray/White Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
003	3	Homogeneous	Gray/Tan Window Glazing	Asbestos Not Present	NA	CaCO3
004	4	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
005	5	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
006	6	Homogeneous	Gray/Black Shingle	Asbestos Not Present	Cellulose 40	Tar Sand
007	7	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 80	Tar

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
009	9	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
010	10	Homogeneous	Tan Plaster	Asbestos Not Present	Talc	2	Gypsum Sand Paint
011	11	Homogeneous	White Skim Coat	Asbestos Not Present	Talc	4	Gypsum Paint
012	12	Homogeneous	Tan Plaster	Asbestos Not Present	Talc	2	Gypsum Sand Paint
013	13	Homogeneous	White Mastic	Asbestos Not Present	NA		Glue CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose Synthetic	10 5	Vinyl CaCO3
014a		Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	10	Vinyl CaCO3
014b		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
014c		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	45	Tar
015	15	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	10	Vinyl CaCO3
015a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
015b		Layered	Gray Backing	Asbestos Not Present	Cellulose	60	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015c		Layered	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
015d		Layered	Yellow/Brown Sheet Vinyl	Asbestos Not Present	Cellulose 10	Vinyl CaCO3
015e		Layered	Yellow/Black Mastic	Asbestos Not Present	NA	Glue Tar
016	16	Layered	Gray/Tan Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
016a		Layered	Light Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
016b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3

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Milwaukee, WI 53204

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017	17	Layered	Gray Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
017a		Layered	Light Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
017b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
018	18	Layered	Gray Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
018a		Layered	Light Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
018b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
019	19	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019a		Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
019b		Layered	Gray Plaster	Asbestos Not Present	NA	CaCO3 Gypsum Sand
020	20	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
020a		Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
020b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
021	21	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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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
021a		Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
021b		Layered	Gray Plaster	Asbestos Not Present	Hair <1	CaCO3 Gypsum Sand
022	22	Layered	Tan Skim Coat	Asbestos Not Present	Talc 3	Gypsum
022a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Hair <1	CaCO3 Gypsum Sand
023	23	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose <1 Hair <1	CaCO3 Gypsum Sand
024	25	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10	Vinyl CaCO3

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
024b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	Vinyl CaCO3
024c		Layered	Orange Mastic	Asbestos Not Present	NA	Glue
025	26	Homogeneous	White/Tan Texture	Asbestos Not Present	NA	Paint Sand CaCO3
026	27	Homogeneous	White/Tan Texture	Asbestos Not Present	NA	Paint Sand CaCO3
027	28	Homogeneous	White/Tan Texture	Asbestos Not Present	NA	Paint Sand CaCO3

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
028	29	Homogeneous	White Ceiling Tile	Asbestos Not Present	Glass Fiber	90	Paint
029	30	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose Glass Fiber	5 <1	Gypsum
030	31	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum
030a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum
031	32	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Gypsum
031a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	5	Gypsum
032	33	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint

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Date Analyzed: 12/28/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

Client: Harenda Management Group
Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	34	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
034	35	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
035	36	Homogeneous	Tan Mastic	Asbestos Not Present	NA	Glue CaCO3
036	37	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
036a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Sand
036b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3

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037	38	Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037a		Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
037b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
038	39	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
039	40	Layered	White Stucco	Asbestos Not Present	Wollastonite 3	Gypsum Sand
039a		Layered	Gray Stucco	Asbestos Not Present	NA	CaCO3 Sand
040	41	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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Milwaukee, WI 53204

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)		Non Fibrous
041	42	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	60	Cellulose	30	Binder
042	43	Homogeneous	Gray Insulation	Asbestos Present Chrysotile	60	Cellulose	30	Binder

Benjamin Hill

Benjamin Hill, Laboratory Technician

12/28/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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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. 303010	
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:	18-400-024.2528-30
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/14/18 1700	FedEx	[illegible] 12/17/18	9:00c

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 303070
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	☐				
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19	19	☐				
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21	21	☐				
22	22	☐				
23	23	☐				
24	25	☐				
25	26	☐				
26	27	☐				
27	28	☐				
28	29	☐				
29	30	☑				
30	31	☑				

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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. 503070
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	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		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 303411
Account Number: B929
Date Received: 12/28/2018
Received By: Katie Davis
Date Analyzed: 12/31/2018
Analyzed By: Cassie Sanborn
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 303070
Project Location: Milwaukee, WI
Project Number: 18-400-024.2528-30

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	22	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Hair <1	CaCO3 Gypsum Sand
002	23	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose <1 Hair <1	CaCO3 Gypsum Sand

Cassie Sanborn

Cassie Sanborn, Analyst

12/31/2018
Date of Report

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

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

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 303411	
(Accept)	Reject

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2528-30
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	12/27/18 1455	Email	[illegible]	12-28-18 2155

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	22	☑		gray plaster		QuanTEM Lab No. 303070
2	23	☑				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 303065
Date Received: 12/17/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/20/18

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.: 18-400-024.2528-30

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.0263	0.00497	%	12/19/18 14:45	P EPA 7000B (1)
002	P02	Paint	Lead	0.102	0.00493	%	12/19/18 14:45	P EPA 7000B (1)
003	P03	Paint	Lead	0.0373	0.00499	%	12/19/18 14:45	P EPA 7000B (1)
004	P04	Paint	Lead	7.09	0.00499	%	12/19/18 14:45	P EPA 7000B (1)

Authorized Signature:_____
Cherry Rossen, Technical Manager

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 303065	
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:	18-400-024.2528-30

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	12/14/18 1700	FedEx	[signature]	12-17-18 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	P01				B	X				X				
2	P02													
3	P03													
4	P04													
5														
6														
7														
8														
9														
10														
11														
12														

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

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

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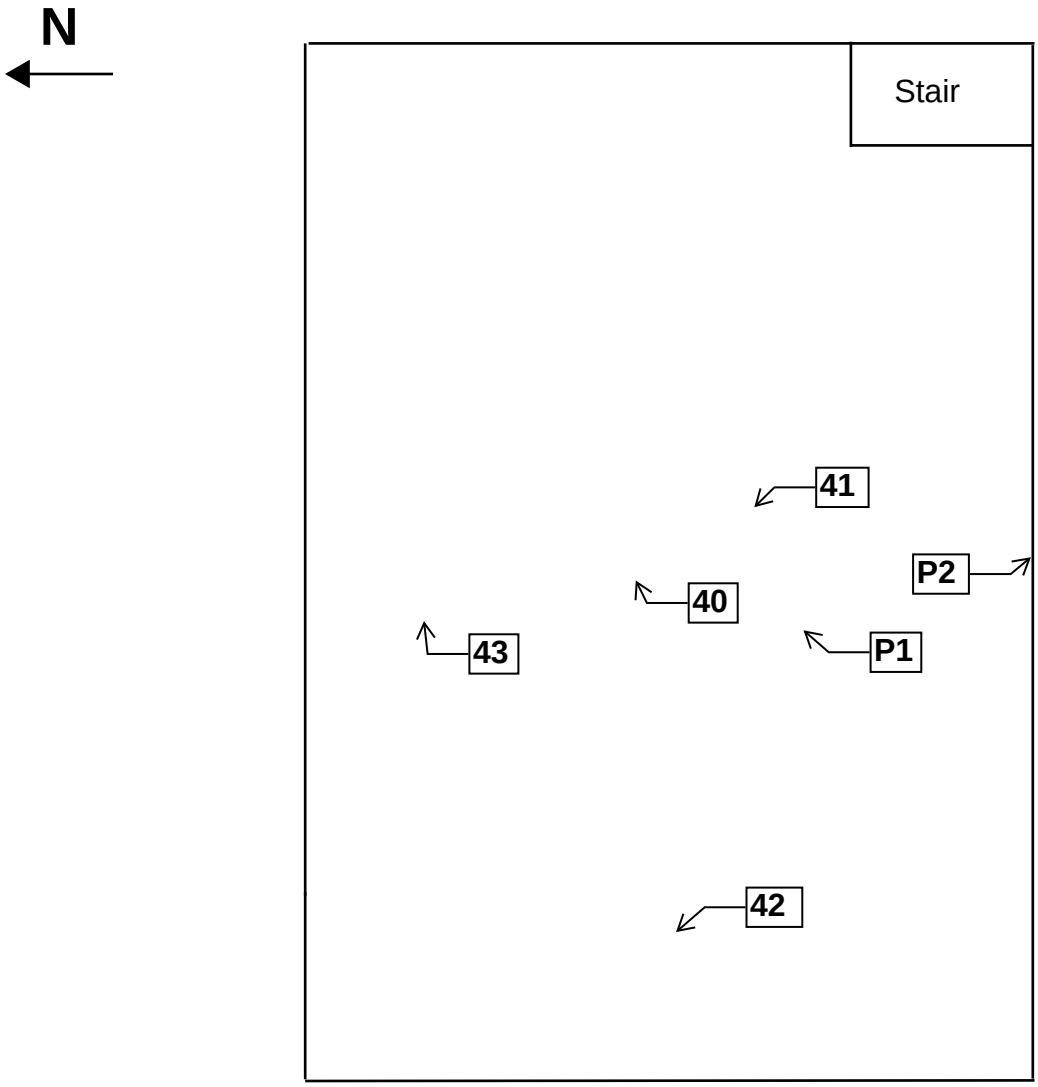
XI. FLOOR PLANS

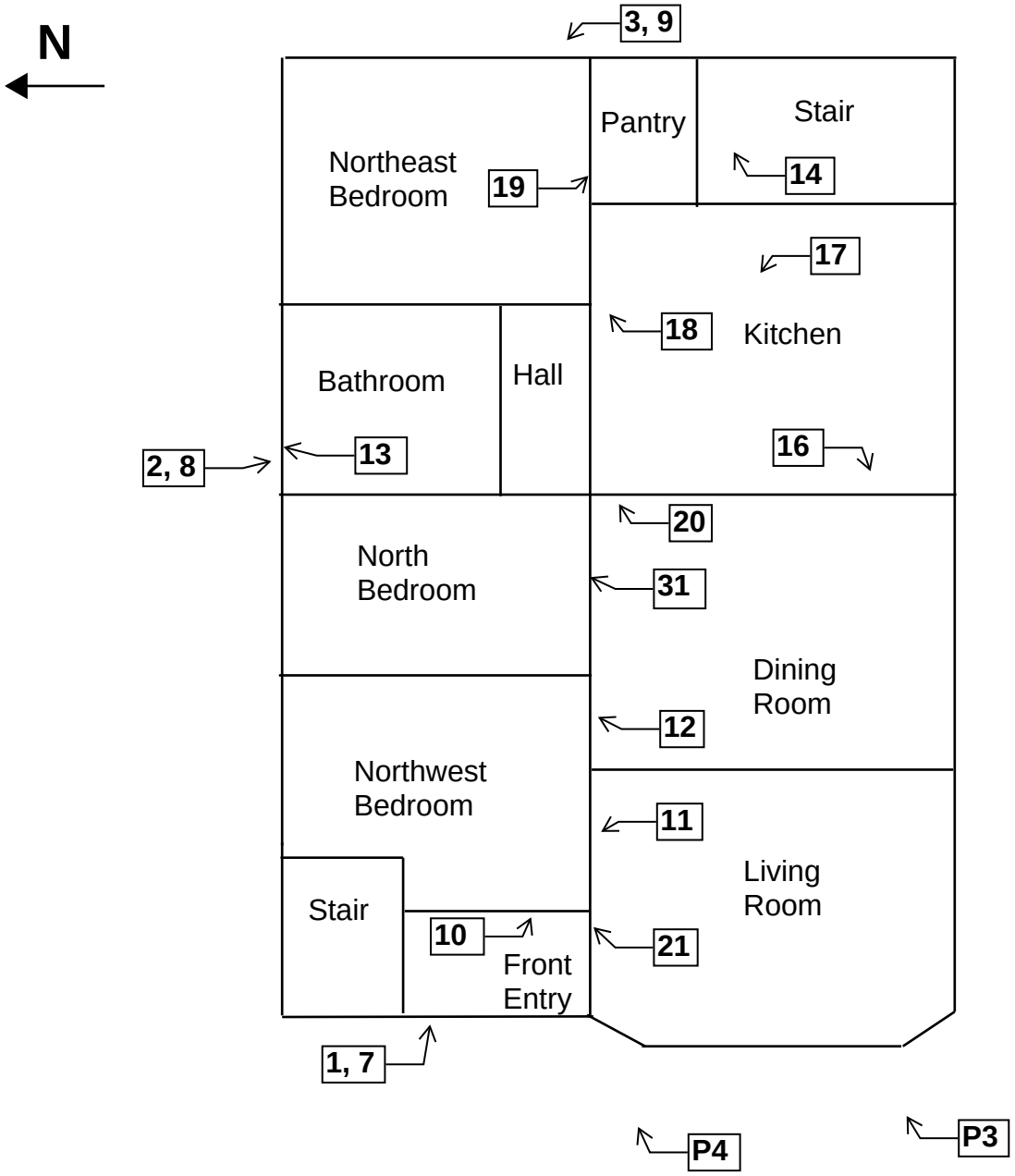
Two Family Dwelling
2528-30 North 39th Street
Milwaukee, Wisconsin

Basement Floor Plan



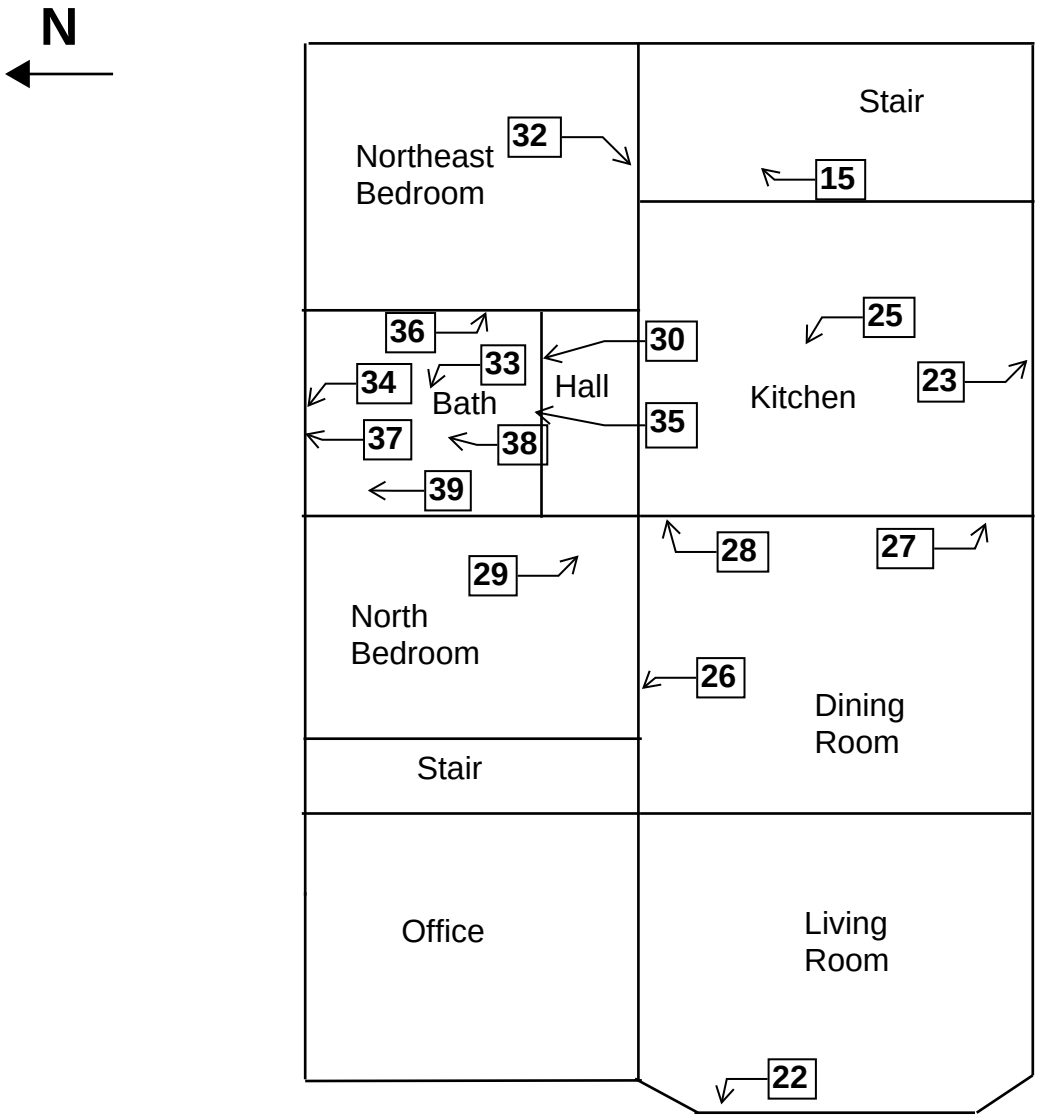
Two Family Dwelling
2528-30 North 39th Street
Milwaukee, Wisconsin

1st Floor Plan



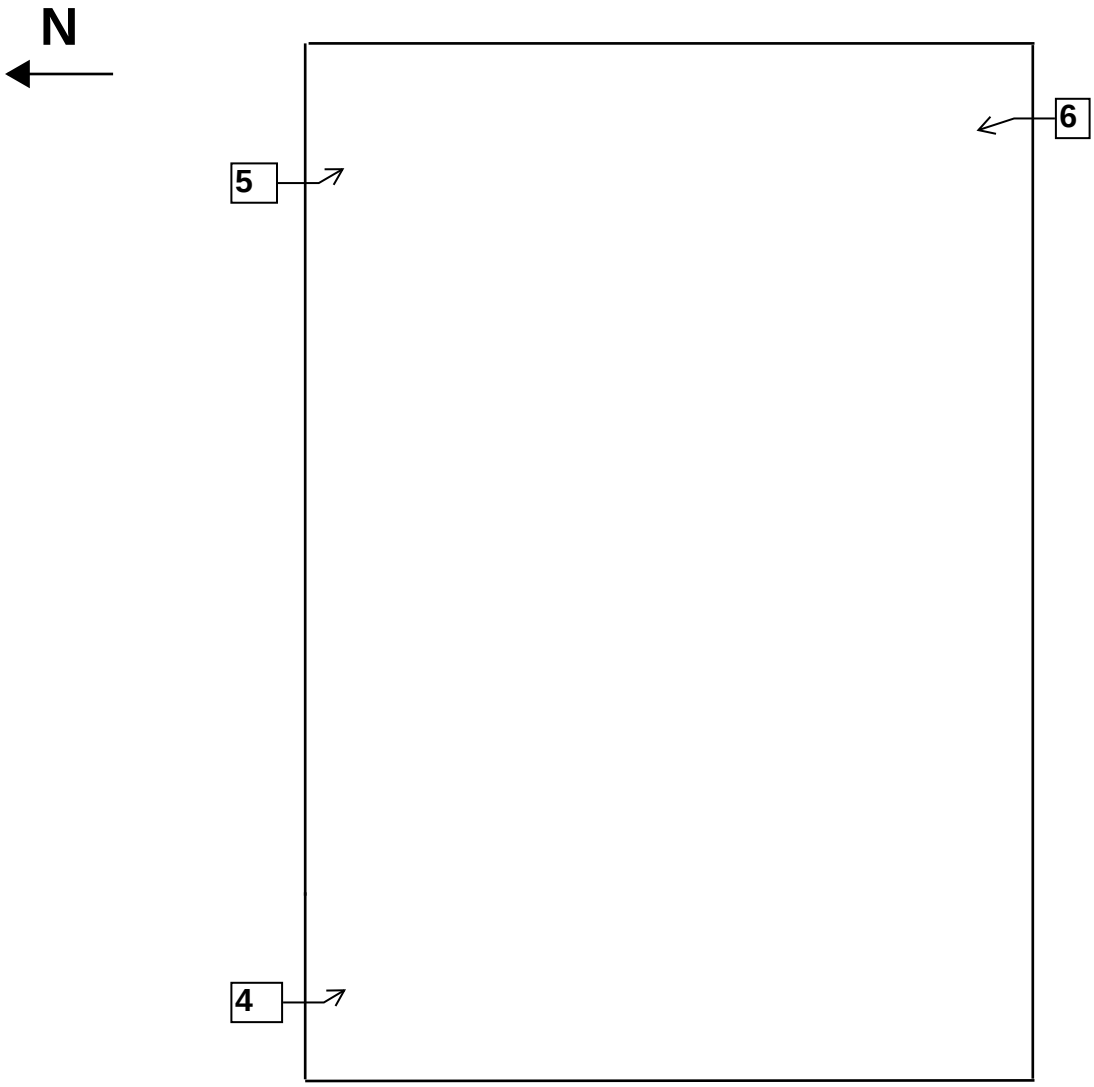
Two Family Dwelling
2528-30 North 39th Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2528-30 North 39th 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

February 1, 2018

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

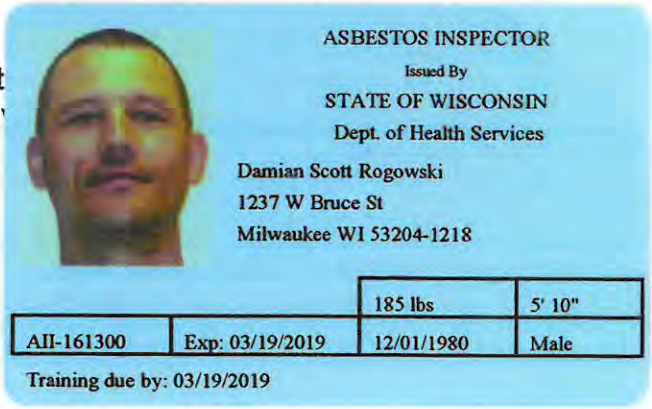
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2231 West Cherry 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.: 18-400-024.2231
Inspector: Dean Jacobsen
Contract No.: 360-18-0975

Prepared by:

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

May 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2231 West Cherry Street
Milwaukee, Wisconsin

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

May 30, 2018

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

RE: Deconstruction Inspection Report
2231 West Cherry Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2231 West Cherry 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 2231 West Cherry 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 exterior black caulk, front entry paper insulation, duct wrap, 1st floor and 2nd floor kitchen linoleum, rear stair linoleum, and flue packing sampled during the inspection. Asbestos was assumed to be in the roof flashing. Asbestos was detected below 1% in window glazing compound. Results are in Section IV of this report.

Lead was detected in paint on the interior 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 and garage at 2231 West Cherry Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has asphalt and wood siding with asphalt roofing. The garage has fiberboard 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 May 3, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2231 West Cherry 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:

- Asphalt shingle siding
- Paper insulation
- Tar paper
- Caulk
- Fiberboard
- Drywall/joint compound
- Asphalt roofing
- Ceramic tile
- Ceiling tile
- Texture
- Plaster
- Glazing compound
- Duct wrap

- Linoleum
- Floor tile
- Linoleum
- False brick
- Stair tread
- 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. 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 – asphalt shingle siding	Negative	MSS
2	Exterior – south wall – asphalt shingle siding	Negative	MSS
3	Exterior – east wall – asphalt shingle siding	Negative	MSS
4	Exterior – north wall under wood siding – brown paper insulation	Negative	MPIn
5	Exterior – south wall under wood siding – brown paper insulation	Negative	MPIn

Sample #	Location and Description	Results	Homogeneous Code
6	Exterior – east wall under wood siding – brown paper insulation	Negative	MPIn
7	**Exterior – around south window – black caulk**	**Positive 15% Chrysotile**	**MCLKk**
8	Exterior – south wall under asphalt shingle siding – tar paper	Negative	MPT
9	Exterior – garage north wall – fiberboard	Negative	MFB
10	Exterior – garage south wall – fiberboard	Negative	MFB
11	Exterior – garage east wall – fiberboard	Negative	MFB
12	Interior – garage north wall – brown drywall	Negative	MDWn
13	Interior – garage south wall – brown drywall	Negative	MDWn
14	Interior – garage east wall – brown drywall	Negative	MDWn
15	Garage roof – west side top layer – brown asphalt shingle	Negative	MRSn
16	Garage roof – northeast side top layer – brown asphalt shingle	Negative	MRSn
17	Garage roof – south side top layer – brown asphalt shingle	Negative	MRSn
18	Garage roof – west side bottom layer – tar paper #2	Negative	MPT2
19	Garage roof – northeast side bottom layer – tar paper #2	Negative	MPT2
20	Garage roof – south side bottom layer – tar paper #2	Negative	MPT2
21	Garage – east side in stack – pink ceramic tile	Negative	MCTMp
22	Garage – east side in stack – tan ceramic tile	Negative	MCTMt
23	Garage – around north door – tan caulk	Negative	MCLKt
24	**1st floor – front entry – under carpet – gray paper insulation**	**Positive 60% Chrysotile**	**MPIy**
25a	1st floor – foyer – on 1’ x 1’ ceiling tile – texture	Negative	MSCT11T
25b	1st floor – foyer – 1’ x 1’ textured ceiling tile	Negative	MSCT11T
25Ba	2nd floor – northeast room – on 1’ x 1’ ceiling tile – texture	Negative	MSCT11T
25Bb	2nd floor – northeast room – 1’ x 1’ textured ceiling tile	Negative	MSCT11T
25Ca	1st floor – north bedroom – on 1’ x 1’ ceiling tile – texture	Negative	MSCT11T
25Cb	1st floor – north bedroom – 1’ x 1’ textured ceiling tile	Negative	MSCT11T
26a	1st floor – front entry – west wall – joint compound	Negative	MDW
26b	1st floor – front entry – west wall – drywall	Negative	MDW
27	1st floor – south bedroom – north t wall – drywall	Negative	MDW
28a	2nd floor – kitchen – north wall – joint compound	Negative	MDW
28b	2nd floor – kitchen – north t wall – drywall	Negative	MDW
29	1st floor – front entry – south wall – texture	Negative	STX
32a	1st floor – foyer – ceiling – plaster skim coat	Negative	SPl
32b	1st floor – foyer – ceiling – plaster base coat	Negative	SPl
33	1st floor – living room – west wall – plaster	Negative	SPl
34	1st floor – kitchen – east wall – plaster	Negative	SPl
34Ba	2nd floor – bathroom – north wall – plaster skim coat	Negative	SPl
34Bb	2nd floor – bathroom – north wall – plaster base coat	Negative	SPl
34Ca	2nd floor – north bedroom – west wall – plaster skim coat	Negative	SPl
34Cb	2nd floor – north bedroom – west wall – plaster base coat	Negative	SPl
35	1st floor – dining room – center – 1’ x 1’ pinholed ceiling tile	Negative	MSCT11P
36	1st floor – dining room – north side – 1’ x 1’ pinholed ceiling tile	Negative	MSCT11P
37	1st floor – dining room – south side – 1’ x 1’ pinholed ceiling tile	Negative	MSCT11P
38	1st floor – living room – center on ceiling – texture #2	Negative	STX2
39	1st floor – living room – northeast on ceiling – texture #2	Negative	STX2
40	1st floor – living room – southwest on ceiling – texture #2	Negative	STX2
41	1st floor – living room – on north window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
41B	2nd floor – dining room – on east window – glazing compound	Negative	MPG
41C	Basement – on west window – glazing compound	Positive 3% Chrysotile	MPG
41C	POINT COUNT RESULT	Trace 0.5% Chrysotile	MPG
42	**1st floor – dining room – on west wall duct – duct paper**	**Positive 60% Chrysotile**	**TDW**
43	1st floor – dining room – on west wall – texture #3	Negative	STX3
44	1st floor – north bedroom – on east wall – texture #3	Negative	STX3
45	1st floor – south bedroom – on east wall – texture #3	Negative	STX3
45B	2nd floor – west bedroom – on west wall – texture #3	Negative	STX3
45C	2nd floor – north bedroom – on ceiling – texture #3	Negative	STX3
46	1st floor – south bedroom center – 1' x 1' swirl pattern ceiling tile	Negative	MSCT11SW
47	1st floor – south bedroom northeast – 1' x 1' smooth ceiling tile	Negative	MSCT11S
48a	1st floor – kitchen center – top layer – 12" brown and gray floor tile	Negative	MF12ny
48b	1st floor – kitchen center – 2nd layer – 12" brown floor tile	Negative	MF12n
48c	1st floor – kitchen center – bottom layer – tan and gray linoleum	Negative	MFLty
49a	1st floor – kitchen south side– top layer – 12" brown and gray floor tile	Negative	MF12ny
49b	1st floor – kitchen south side – bottom layer – tan and gray linoleum	Negative	MFLty
50a	1st floor – bathroom – top layer – 12" brown and gray floor tile	Negative	MF12ny
50b	1st floor – bathroom – bottom layer – tan and gray linoleum	Negative	MFLty
51a	1st floor – pantry – top layer – 12" gray floor tile	Negative	MF12y
51b	1st floor – pantry – bottom layer – tar paper #3	Negative	MPT3
51c	1st floor – pantry – bottom layer – under tar paper #3 – brown mastic	Negative	MPT3
52a	1st floor – rear stair landing – top layer – 12" green and white floor tile	Negative	MF12gw
52b	**1st floor – rear stair landing – bottom layer – tan and brown linoleum**	**Positive 30% Chrysotile**	**MFLtn**
53a	1st floor – kitchen – south wall – false brick	Negative	MFBR
53b	1st floor – kitchen – south wall – grout	Negative	MFBR
53c	1st floor – kitchen – south wall – under false brick – yellow mastic	Negative	MFBR
54	**1st floor – kitchen – on west center counter – gold and brown linoleum**	**Positive 30% Chrysotile**	**MFLdn**
55a	1st floor – kitchen – west backsplash – pink and brown linoleum	Negative	MFLpn
55b	1st floor – kitchen – west backsplash – under pink and brown linoleum – brown mastic	Negative	MFLpn
56	1st floor – bathroom – under south wall and tub surround – yellow mastic	Negative	MPM1
57a	2nd floor – kitchen – top layer south side – 12" green floor tile	Negative	MF12g
57b	2nd floor – kitchen – 2nd layer south side – 12" beige floor tile	Negative	MF12e

Sample #	Location and Description	Results	Homogeneous Code
57c	2nd floor – kitchen – 2nd layer south side – under 12” beige floor tile – brown mastic	Negative	MF12e
58a	2nd floor – kitchen – top layer north side – 12” green floor tile	Negative	MF12g
58b	2nd floor – kitchen – 2nd layer north side – 12” beige floor tile	Negative	MF12e
58c	2nd floor – kitchen – 2nd layer north side – under 12” beige floor tile – brown mastic	Negative	MF12e
59a	2nd floor – kitchen – top layer west side – 12” green floor tile	Negative	MF12g
59b	2nd floor – kitchen – 2nd layer west side – 12” beige floor tile	Negative	MF12e
59c	2nd floor – kitchen – 2nd layer west side – under 12” beige floor tile – brown mastic	Negative	MF12e
60a	2nd floor – kitchen – 3rd layer south side – yellow linoleum	Negative	MFL1
60b	2nd floor – kitchen – 3rd layer south side – under yellow linoleum – yellow mastic	Negative	MFL1
61a	2nd floor – kitchen – 3rd layer north side – on yellow linoleum – brown mastic	Negative	MFL1
61b	2nd floor – kitchen – 3rd layer north side – yellow linoleum	Negative	MFL1
61c	2nd floor – kitchen – 3rd layer north side – under yellow linoleum – yellow mastic	Negative	MFL1
61d	2nd floor – kitchen – 3rd layer north side – under yellow mastic – leveling compound	Negative	MFL1
62a	2nd floor – kitchen – 3rd layer west side – on yellow linoleum – brown mastic	Negative	MFL1
62b	2nd floor – kitchen – 3rd layer west side – yellow linoleum	Negative	MFL1
62c	2nd floor – kitchen – 3rd layer west side – under yellow linoleum – yellow mastic	Negative	MFL1
63a	**2nd floor – kitchen – 5th layer south side – gray and yellow linoleum**	**Positive 30% Chrysotile**	**MFLyl**
63b	2nd floor – kitchen – 6th layer south side – gray linoleum	Negative	MFLy
64a	**2nd floor – kitchen – 5th layer north side – gray and yellow linoleum**	**Positive 30% Chrysotile**	**MFLyl**
64b	2nd floor – kitchen – 6th layer north side – gray linoleum	Negative	MFLy
65a	**2nd floor – kitchen – 5th layer west side – gray and yellow linoleum**	**Positive 30% Chrysotile**	**MFLyl**
65b	2nd floor – kitchen – 6th layer west side – gray linoleum	Negative	MFLy
66	2nd floor – kitchen – on ceiling – texture #4	Negative	STX4
67	2nd floor – pantry – top layer – beige and white linoleum	Negative	MFLew
68	2nd floor – pantry – under plywood – 9” gray floor tile	Negative	MF9y
69a	2nd floor – bath – top layer – beige linoleum	Negative	MFLe
69b	2nd floor – bath – top layer – under beige linoleum - yellow mastic	Negative	MFLe
69c	2nd floor – bath – 2nd layer – 12” brown floor tile	Negative	MFL12n
69d	2nd floor – bath – 2nd layer – under 12” brown floor tile – yellow mastic	Negative	MFL12n
70	2nd floor – bath closet – brown linoleum	Negative	MFLn
71	2nd floor – bath – on west wall under panel – beige mastic	Negative	MPMe
72	2nd floor – south bedroom – under carpet – cream linoleum	Negative	MFLc
73	House roof – top layer – black asphalt shingle	Negative	MRSk
74	House roof – bottom layer – tar paper #4	Negative	MPT4
75	Basement stairs – on steps – stair tread	Negative	MST
76	**Basement – on chimney – flue packing**	**Positive 25% Chrysotile**	**TFP**

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Caulk	MCLKk	Exterior Around Windows & Doors	17 Windows & 3 Doors	Fair
Gray Paper Insulation	MPIy	1st Floor Front Entry Under Carpet	30 SF	Poor
Duct Wrap	TDW	1st Floor Dining Room & Bathroom om Wall Vents, Basement on 3 Boots & Return	15 SF	Poor
Tan & Brown Linoleum	MFLtn	1st Floor Rear Stair Under Floor Tile	210 SF	Fair
Gold & Brown Linoleum	MFLdn	1st Floor Kitchen on West Counter	20 SF	Fair
Gray & Yellow Linoleum	MFLyl	2nd Floor Kitchen 5th Layer	190 SF	Fair
Flue Packing	TFP	Basement on Chimney	1 SF	Poor

Assumed Asbestos Containing Materials

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

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

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	25 Windows	Fair

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

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

- Exposure assessments

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STX2	Texture #2
STX3	Texture #3
STX4	Texture #4
MSS	Asphalt Shingle Siding
MPIn	Brown Paper Insulation
MPIy	Gray Paper Insulation
MPT	Tar Paper
MPT2	Tar Paper #2
MPT3	Tar Paper #3
MPT4	Tar Paper #4
MCLKk	Black Caulk
MCLKt	Tan Caulk
MFB	Fiberboard
MRSn	Brown Asphalt Shingle
MRSk	Black Asphalt Shingle
MCTMp	Pink Ceramic Tile
MCTMt	Tan Ceramic Tile
MSCT11T	1’ x 1’ Textured Ceiling Tile
MSCT11P	1’ x 1’ Pinholed Ceiling Tile
MSCT11SW	1’ x 1’ Swirl Pattern Ceiling Tile
MSCT11S	1’ x 1’ Smooth Ceiling Tile
MDWn	Brown Drywall
MDW	Drywall/Joint Compound
MPG	Glazing Compound
MF12ny	12” Brown & Gray Floor Tile
MF12y	12” Gray Floor Tile
MF12gw	12” Green & White Floor Tile
MF12g	12” Green Floor Tile
MF12e	12” Beige Floor Tile
MF12n	12” Brown Floor Tile
MF9y	9” Gray Floor Tile
MFLty	Tan & Gray Linoleum
MFLtn	Tan & Brown Linoleum
MFLdn	Gold & Brown Linoleum
MFLpn	Pink & Brown Linoleum
MFLl	Yellow Linoleum
MFLyl	Gray & Yellow Linoleum
MFLy	Gray Linoleum
MFLew	Beige & White Linoleum
MFLe	Beige Linoleum

Homogeneous Material Codes

MFLn	Brown Linoleum
MFLc	Cream Linoleum
MFBR	False Brick
MST	Stair Tread
MPMe	Beige Panel Mastic
MPMl	Yellow Panel Mastic
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 2231 West Cherry Street, Milwaukee, Wisconsin, took place on May 3, 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: 2231 West Cherry Street, Milwaukee, Wisconsin

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

Exterior: 2231 West Cherry Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2231 West Cherry Street, Milwaukee, Wisconsin **Date: 5/3/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	East Wall	Block	Green	0.164

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

9	Fluorescent Lights – Garage, 1st Floor Foyer, Rear Stair, 2nd Floor Bathroom, 2nd Floor South & West Bedrooms, Basement
N/A	High Intensity Discharge -Metal Halide -High Pressure Sodium -Mercury Vapor
N/A	Neon
N/A	Switches for lighting using mercury relays -Look for any control associated with exterior or automated lighting systems such as "Silent" wall switches.

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

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

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

N/A	Mercury Flame Sensors by pilot lights
N/A	Manometers, Thermometers, Gauges
N/A	Pressure-trol
N/A	Float or Level Controls
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
1	Ballasts – Garage
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 Quart Motor Oil in Garage
* 5 Gallons Paint Rear Stair
* 1 Water Meter 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. 293989
Account Number: B929
Date Received: 05/04/2018
Received By: Amber Bassett
Date Analyzed: 05/09/2018
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: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 60	Tar Sand
002	2	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 60	Tar Sand
003	3	Homogeneous	Black Siding	Asbestos Not Present	Cellulose 60	Tar Sand
004	4	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
005	5	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
006	6	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose 100	
007	7	Homogeneous	Black Tar	Asbestos Present Chrysotile 15	NA	Tar

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

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
009	9	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	90	Paint
010	10	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
011	11	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	100	
012	12	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	90	Foil
013	13	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	90	Paint

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
014	14	Homogeneous	Tan Paper	Asbestos Not Present	Cellulose	90	Paint
015	15	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
016	16	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
017	17	Homogeneous	Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
018	18	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
019	19	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
020	20	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021	21	Homogeneous	Pink Ceramic Tile	Asbestos Not Present	NA	Clay Sand
022	22	Homogeneous	Brown Ceramic Tile	Asbestos Not Present	NA	Clay Sand
023	23	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
024	24	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
025	25	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint
025a		Layered	Tan Wallboard	Asbestos Not Present	Cellulose 100	

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	25B	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint
026a		Layered	Tan Wallboard	Asbestos Not Present	Cellulose 100	
027	25C	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Sand Paint
027a		Layered	Tan Wallboard	Asbestos Not Present	Cellulose 100	
028	26	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
028a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum
029	27	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 15	Gypsum

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
030	28	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3
030a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	15	Gypsum
031	29	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
032	32	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
032a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Gypsum Sand
033	33	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand Gypsum

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Client: Harenda Management Group
Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
034	34	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand Gypsum
035	34B	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
035a		Layered	Gray Plaster	Asbestos Not Present	Cellulose	5	CaCO3 Sand Gypsum
036	34C	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Paint
036a		Layered	Gray Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand Gypsum
037	35	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint

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Received By: Amber Bassett
Date Analyzed: 05/09/2018
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: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
038	36	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
039	37	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
040	38	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
041	39	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
042	40	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
043	41	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3 Binder
044	41B	Homogeneous	White Window Glazing	Asbestos Not Present	NA		CaCO3 Binder

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 293989
Account Number: B929
Date Received: 05/04/2018
Received By: Amber Bassett
Date Analyzed: 05/09/2018
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: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
045	41C	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3 Binder
046	42	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
047	43	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
048	44	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
049	45	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint
050	45B	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
051	45C	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Gypsum Paint
052	46	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30	Perlite Paint
053	47	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose	90	Paint
054	48	Layered	Gray Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
054a		Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
054b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber	8	CaCO3 Vinyl
055	49	Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

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Account Number: B929
Date Received: 05/04/2018
Received By: Amber Bassett
Date Analyzed: 05/09/2018
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: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
055a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber	5	CaCO3 Vinyl
056	50	Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
056a		Layered	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber	5	CaCO3 Vinyl
057	51	Layered	Gray Sheet Vinyl	Asbestos Not Present	Cellulose	25	CaCO3 Vinyl
057a		Layered	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
057b		Layered	Brown Mastic	Asbestos Not Present	NA		Glue

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Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
058	52	Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
058a		Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
059	53	Layered	Red Flooring	Asbestos Not Present	NA	Clay Sand
059a		Layered	Black Grout	Asbestos Not Present	NA	CaCO3 Sand
059b		Layered	Yellow Adhesive	Asbestos Not Present	NA	Glue CaCO3
060	54	Homogeneous	Multi-Color Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
061	55	Layered	Pink Sheet Vinyl	Asbestos Not Present	Cellulose 25	CaCO3 Vinyl

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
061a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
062	56	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
063	57	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
063a		Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
063b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
064	58	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Dean Jacobsen
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
064a		Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
064b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
065	59	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
065a		Layered	Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
065b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
066	60	Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
066a		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
067	61	Layered	Brown Mastic	Asbestos Not Present	NA		Glue
067a		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
067b		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
067c		Layered	White Leveling Compound	Asbestos Not Present	NA		Gypsum
068	62	Layered	Brown Mastic	Asbestos Not Present	NA		Glue
068a		Layered	Yellow Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
068b		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
069	63	Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
069a		Layered	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
070	64	Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl
070a		Layered	Brown Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
071	65	Layered	Yellow Sheet Vinyl	Asbestos Present Chrysotile 30	NA	CaCO3 Vinyl

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
071a		Layered	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
072	66	Homogeneous	White Texture	Asbestos Not Present	NA		CaCO3 Paint
073	67	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
074	68	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
075	69	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl
075a		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
075b		Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
075c		Layered	Yellow Mastic	Asbestos Not Present	NA		Glue
076	70	Homogeneous	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
077	71	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
078	72	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	10	CaCO3 Vinyl
079	73	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	35	Tar Sand
080	74	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar

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Client: Harenda Management Group
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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
081	75	Homogeneous	Brown Flooring	Asbestos Not Present	NA	Vinyl CaCO3
082	76	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 25	NA	CaCO3

Dee Ammerman, Analyst

5/10/2018
Date of Report

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ASBESTOS CHAIN OF CUSTODY

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

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For Lab Use Only
Lab No. 293189
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:	18-400-024.2231
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	5/3/18 1630	FedEx	Amber Bassett 9:35	5/4/18

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"

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Lab No. 293989
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Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
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	25B	☐				
27	25C	☐				
28	26	☐				
29	27	☐				
30	28	☑				

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Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	29	☒				
32	32	☐				
33	33	☐				
34	34	☐				
35	34B	☐				
36	34C	☐				
37	35	☐				
38	36	☐				
39	37	☐				
40	38	☐				
41	39	☐				
42	40	☐				
43	41	☐				
44	41B	☐				
45	41C	☐				
46	42	☐				
47	43	☐				
48	44	☐				
49	45	☐				
50	45B	☑				

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Lab No. 2935189
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	45C	☒				
52	46	☐				
53	47	☐				
54	48	☐				
55	49	☐				
56	50	☐				
57	51	☐				
58	52	☐				
59	53	☐				
60	54	☐				
61	55	☐				
62	56	☐				
63	57	☐				
64	58	☐				
65	59	☐				
66	60	☐				
67	61	☐				
68	62	☐				
69	63	☐				
70	64	☑				

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Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
71	65	☑				
72	66	☐				
73	67	☐				
74	68	☐				
75	69	☐				
76	70	☐				
77	71	☐				
78	72	☐				
79	73	☐				
80	74	☐				
81	75	☐				
82	76	☑				
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"

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	294211	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	05/11/2018		
Received By:	Katie Davis		
Date Analyzed:	05/14/2018	Project:	DNS, 400 PTCT for 293989
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2231

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	41C	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 0.50 400 Point Count	NA	

Dee Am

Dee Ammerman, Analyst

5/14/2018

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. 294211
Accept Reject

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

Contact Information				Project Information	
Company:	Harenda Management Group	Phone:	(414) 383-4800	Project Name:	DNS
Contact:	Dean Jacobsen	Cell Phone:		Project Location:	Milwaukee, WI
Account #:	B929	E-mail:	djacobsen@harenda.com	Project ID:	18-400-024.2231
SAMPLED BY:	Name	Date:		P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	5/4/18 715	Email	[signature]	5/11/18 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☐ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☑ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	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	41C	☑				Quantem Lab No.: 293989
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 293968
Date Received: 05/04/18
Received By: Amber Bassett
Date Sampled:
Time Sampled:
Analyst: RD
Date of Report: 05/09/18

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.: 18-400-024.2231

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.164	0.00489	%	05/07/18 16:00	P EPA 7000B (1)

Authorized Signature:_____
Ronilsy Diaz, Analyst

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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For Lab Use Only	
Lab No.	2939168
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:	18-400-024.2231

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	5/3/18 1630	FedEx	Amber Bassett 9:35	5/4/18

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														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

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

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

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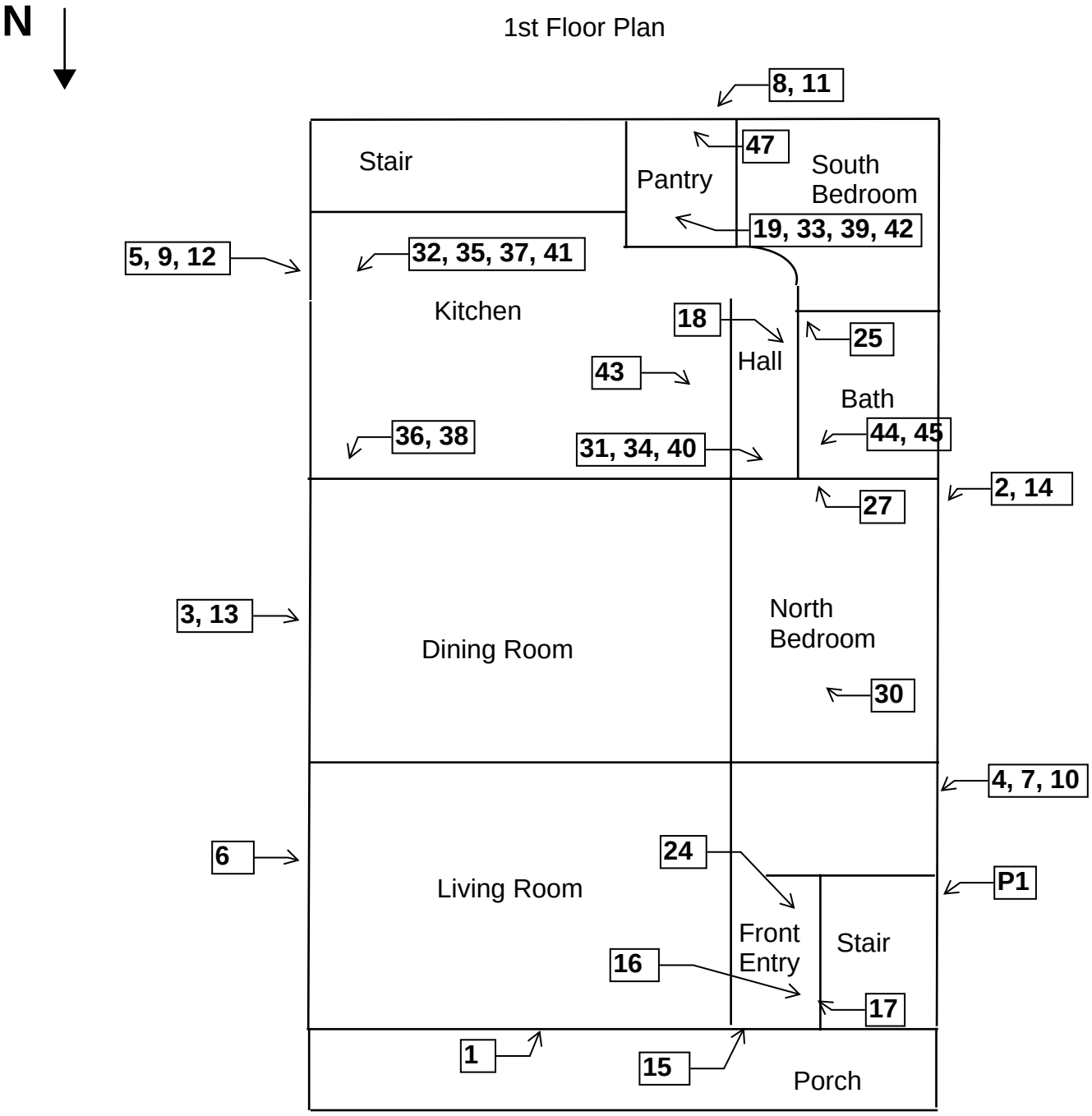
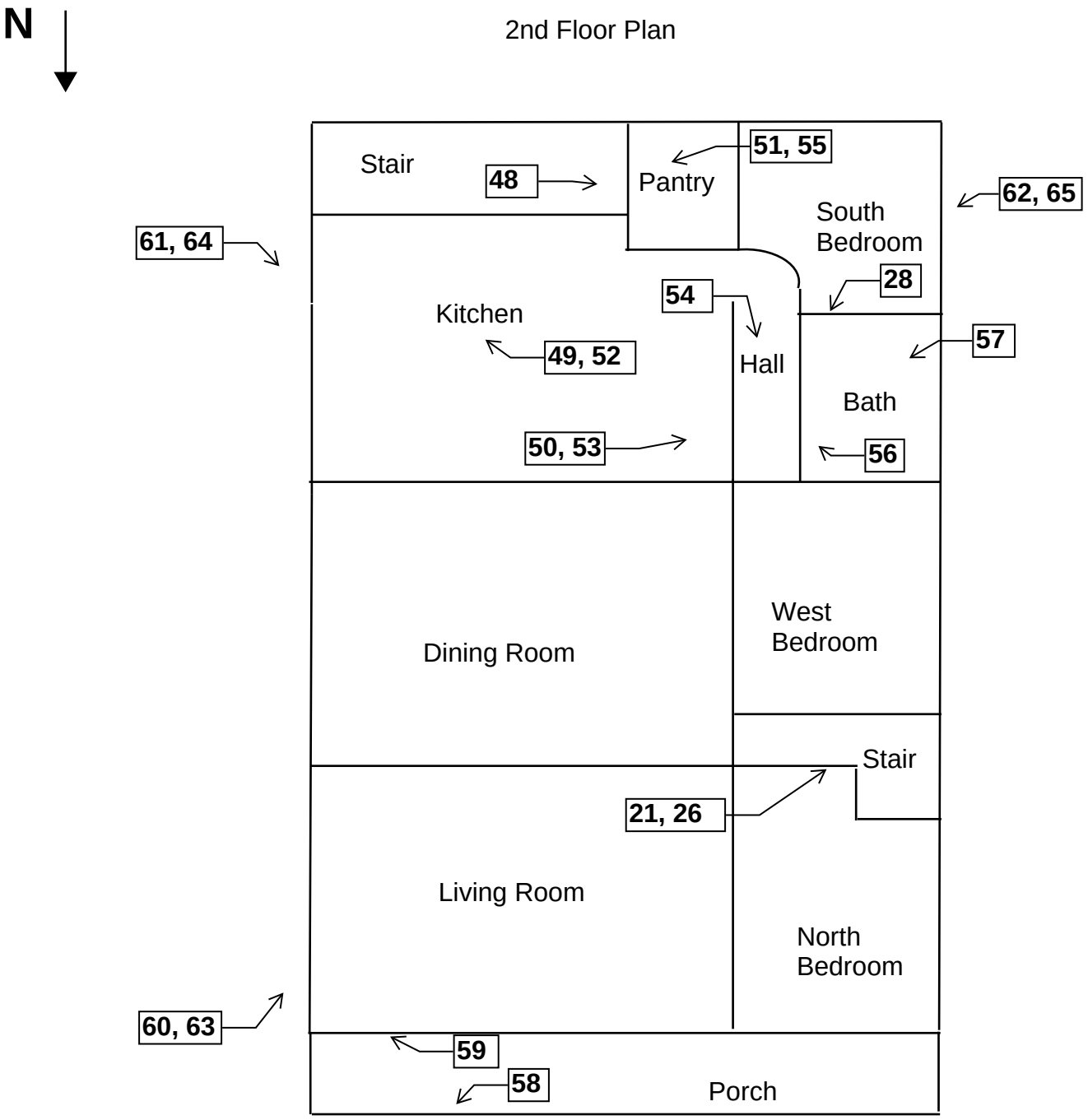
XI. FLOOR PLANS

Two Family Dwelling
2317-19 West Hopkins Street
Milwaukee, Wisconsin



Two Family Dwelling
2317-19 West Hopkins Street
Milwaukee, Wisconsin

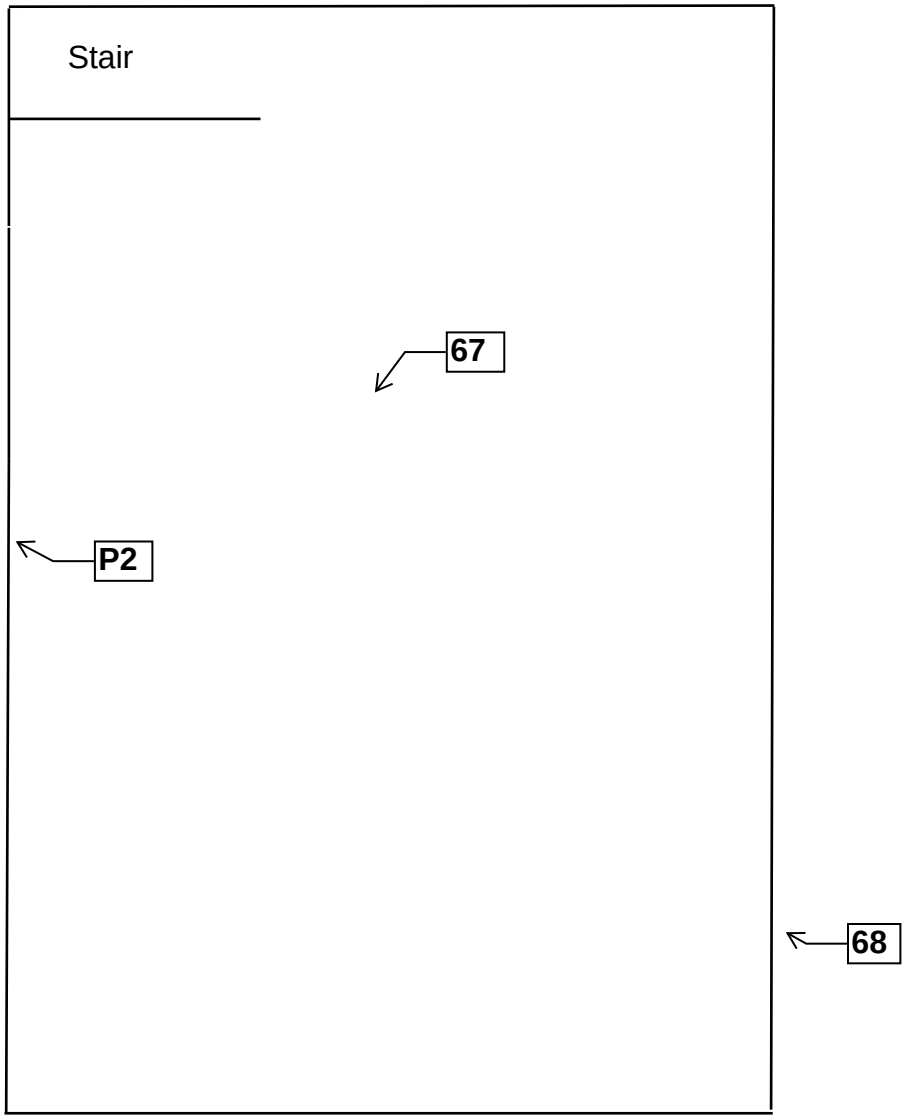
2nd Floor Plan



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:

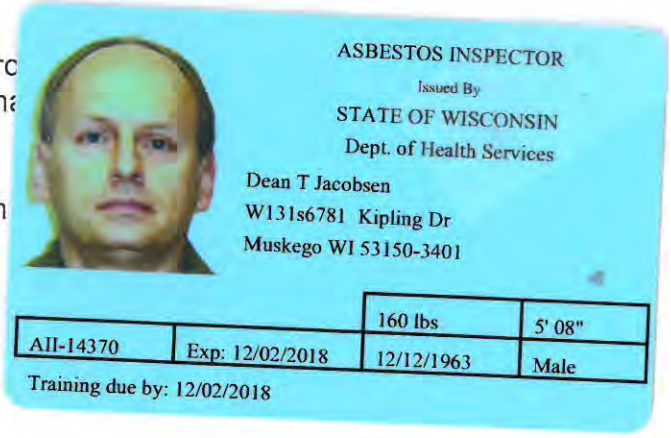
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2130 West Clarke 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.: 18-400-024.2130
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
Two Family Dwelling
2130 West Clarke Street
Milwaukee, Wisconsin

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

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

October 11, 2018

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

RE: Deconstruction Inspection Report
2130 West Clarke Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2130 West Clarke 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 2130 West Clarke Street, Milwaukee, Wisconsin, prior to deconstruction. HMG conducted a visual inspection for asbestos, universal wastes, and painted masonry. HMG collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected in aircell pipe insulation, magnesia pipe insulation, pipe insulation fittings, insulation pad, and flue packing sampled during the inspection. Asbestos was detected below 1% in plaster base coat. 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 chimney and exterior brick 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 2130 West Clarke Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has 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 two family dwelling, scheduled for deconstruction, located at 2130 West Clarke Street, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

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

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

- Tar Paper
- Glazing compound
- Linoleum
- Aircell pipe insulation
- Aircell pipe insulation
- Plaster
- Ceramic tile
- Drywall/Joint compound
- Texture
- Cardboard pipe insulation
- Magnesia pipe insulation
- Pipe insulation fittings

- Flue packing
- Insulation pad
- Concrete block
- Blown in insulation
- Fiberboard
- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – west wall under wood siding – tar paper	Negative	MPT
2	Exterior – west wall under wood siding – tar paper	Negative	MPT
3	Exterior – south wall under wood siding – tar paper	Negative	MPT
4	Basement – on west window – glazing compound	Negative	MPG
5	Exterior – on west window – glazing compound	Negative	MPG
6	Exterior – on south window – glazing compound	Negative	MPG
7	1st floor – room 103 – southeast corner – black and white linoleum	Negative	MFLkw

Sample #	Location and Description	Results	Homogeneous Code
8	**1st floor – room 102 – southeast on floor - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
9	**Basement – northeast on pipe - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
10	**1st floor – room 103 – southwest on floor - <5" diameter aircell pipe insulation**	**Positive 60% Chrysotile**	**TA5**
11a	1st floor – room 102 – east wall – plaster skim coat	Negative	SPl
11b	1st floor – room 102 – east wall – plaster base coat	Trace <1% Chrysotile	SPl
11b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
12a	1st floor – room 103 – east wall – plaster skim coat	Negative	SPl
12b	1st floor – room 103 – east wall – plaster base coat	Trace <1% Chrysotile	SPl
12b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
13a	2nd floor – room 106 – northeast wall – plaster skim coat	Negative	SPl
13b	2nd floor – room 106 – northeast wall – plaster base coat	Trace <1% Chrysotile	SPl
13b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
14	2nd floor – room 205 – southwest wall – plaster	Trace <1% Chrysotile	SPl
14	POINT COUNT RESULT	Trace 0.25% Chrysotile	SPl
15a	2nd floor – room 202 – south wall – plaster skim coat	Negative	SPl
15b	2nd floor – room 202 – south wall – plaster base coat	Trace <1% Chrysotile	SPl
15b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
16a	1st floor – room 104 – ceiling – plaster skim coat	Negative	SPl
16b	1st floor – room 104 – ceiling – plaster base coat	Trace <1% Chrysotile	SPl
16b	POINT COUNT RESULT	Trace <0.25% Chrysotile	SPl
17a	1st floor – room 104 – on white ceramic tile – orange mastic	Negative	MCTMw
17b	1st floor – room 104 – white ceramic tile	Negative	MCTMw
17c	1st floor – room 104 – under white ceramic tile – mortar	Negative	MCTMw
18	1st floor – room 105 – black linoleum	Negative	MFLk
19	1st floor – room 107 southwest – black linoleum	Negative	MFLk
20	1st floor – room 107 northeast – black linoleum	Negative	MFLk
21	1st floor – room 108 – tan and black linoleum	Negative	MFLtk
22a	1st floor – room 107 in cabinets – top layer – tan and white linoleum	Negative	MFLtw
22b	1st floor – room 107 in cabinets – bottom layer – brown and black linoleum	Negative	MFLnk
23a	Basement – southwest ceiling – joint compound	Negative	MDW
23b	Basement – southwest ceiling – drywall	Negative	MDW
24a	Basement – north ceiling – joint compound	Negative	MDW
24b	Basement – north ceiling – drywall	Negative	MDW
25a	Basement – south ceiling – joint compound	Negative	MDW
25b	Basement – south ceiling – drywall	Negative	MDW
26	Basement – on southwest ceiling – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
27	Basement – on west ceiling – texture	Negative	STX
28	Basement – on south ceiling – texture	Negative	STX
29	Basement – stair on steps – red and brown linoleum	Negative	MFLrn
30	Basement – stair on landing – red and brown linoleum	Negative	MFLrn
31	Basement – northwest – red and brown linoleum	Negative	MFLrn
32	Basement – southeast on pipes - <5" diameter cardboard	Negative	TC5
33	Basement – southeast on pipes - <5" diameter cardboard	Negative	TC5
34	Basement – southeast on pipes - <5" diameter cardboard	Negative	TC5
35	**Basement – southeast on pipes - <5" diameter pipe insulation fitting on cardboard**	**Positive 60% Chrysotile**	**TC5F**
36	**Basement – southeast on pipes - <5" diameter pipe insulation fitting on cardboard**	**Positive 60% Chrysotile**	**TC5F**
37	**Basement – southeast on pipes - <5" diameter pipe insulation fitting on cardboard**	**Positive 60% Chrysotile**	**TC5F**
38	**Basement – east side on pipes - <5" diameter magnesia pipe insulation**	**Positive 60% Chrysotile**	**TM5**
39	**Basement – east side on pipes - <5" diameter magnesia pipe insulation**	**Positive 60% Chrysotile**	**TM5**
40	**Basement – east side on pipes - <5" diameter magnesia pipe insulation**	**Positive 60% Chrysotile**	**TM5**
41	**Basement – east side on pipes - <5" diameter pipe insulation fitting on magnesia**	**Positive 60% Chrysotile**	**TM5F**
42	**Basement – east side on pipes - <5" diameter pipe insulation fitting on magnesia**	**Positive 60% Chrysotile**	**TM5F**
43	**Basement – east side on pipes - <5" diameter pipe insulation fitting on magnesia**	**Positive 60% Chrysotile**	**TM5F**
44	**Basement – on chimney – flue packing**	**Positive 40% Chrysotile**	**TFP**
45a	Basement – northeast corner – brown linoleum	Negative	MFLn
45b	Basement – northeast corner – under brown linoleum – brown mastic	Negative	MFLn
46	**Basement – near chimney – insulation pad**	**Positive 80% Chrysotile**	**TIP**
47	**Basement – northwest corner - <5" diameter pipe insulation fitting on aircell**	**Positive 60% Chrysotile**	**TA5F**
48	**Basement – northwest corner - <5" diameter pipe insulation fitting on aircell**	**Positive 60% Chrysotile**	**TA5F**
49	**Basement – northwest corner - <5" diameter pipe insulation fitting on aircell**	**Positive 60% Chrysotile**	**TA5F**
50	Basement – north wall – concrete block	Negative	MCB
51	Basement – west wall – concrete block	Negative	MCB
52	Basement – east wall – concrete block	Negative	MCB
53a	1st floor – room 106 – on steps – yellow and brown linoleum	Negative	MFLln
53b	1st floor – room 106 – on steps – under yellow and brown linoleum – yellow mastic	Negative	MFLln
54a	1st floor – room 106 – on lower steps – yellow and pink linoleum	Negative	MFLlp
54b	1st floor – room 106 – on steps – under yellow and pink linoleum – tan mastic	Negative	MFLlp
54c	1st floor – room 106 – on steps – under tan mastic – tar paper	Negative	MFLlp
55a	2nd floor – room 200 top layer – yellow and brown linoleum	Negative	MFLln
55b	2nd floor – room 200 top layer – under yellow and brown linoleum – yellow mastic	Negative	MFLln

Sample #	Location and Description	Results	Homogeneous Code
55c	2nd floor – room 200 bottom layer – tan linoleum	Negative	MFLt
56a	2nd floor – room 204 top layer – yellow and brown linoleum	Negative	MFLln
56b	2nd floor – room 204 top layer – under yellow and brown linoleum – yellow mastic	Negative	MFLln
56c	2nd floor – room 204 bottom layer – tan linoleum	Negative	MFLt
57	2nd floor – room 200 – in cabinet – green linoleum	Negative	MFLg
58	Attic – north side on floor – blown in insulation	Negative	MBI
59	Attic – east side on floor – blown in insulation	Negative	MBI
60	Attic – west side on floor – blown in insulation	Negative	MBI
61	2nd floor – room 204 – in upper south cabinets – blue linoleum	Negative	MFLb
62	2nd floor – room 204 – in south drawer – tan and green linoleum	Negative	MFLtg
63	2nd floor – room 204 – in middle drawer – yellow and red linoleum	Negative	MFLlr
64	2nd floor – room 204 – in south lower cabinets – white and blue linoleum	Negative	MFLwb
65	2nd floor – room 205 – multicolored linoleum	Negative	MFLm
66	2nd floor – room 205 – east wall – fiberboard	Negative	MFB
67	Roof – west side – black asphalt shingle	Negative	MRSk
68	Roof – north side – black asphalt shingle	Negative	MRSk
68	Roof – east side – black asphalt shingle	Negative	MRSk

Seven (7) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM):

Material	Homogeneous Code	Location	Approximate Quantity	Condition
<5" Diameter Aircell Pipe Insulation	TA5	Basement on Northeast Pipes Northeast Basement Floor Debris 1st Floor Floor Debris	30 LF 300 SF 1,000 SF	Poor
<5" Diameter Pipe Insulation Fitting on Cardboard	TC5F	Basement on Southeast Pipes Southeast Basement Floor Debris	14 Fitting 200 SF	Poor
<5" Diameter Magnesia Pipe Insulation	TM5	Basement on East Pipes East Basement Floor Debris	20 LF 300 SF	Poor
<5" Diameter Pipe Insulation Fitting on Magnesia	TM5F	Basement on East Pipes	12 Fittings	Poor
<5" Diameter Pipe Insulation Fitting on Aircell	TA5F	Basement on Northwest Pipes West Basement Floor Debris	23 Fittings 200 SF	Poor
Flue Packing	TFP	Basement on Chimney	3 SF	Poor
Insulation Pad	TIP	Basement Near Chimney	4 SF	Poor

Assumed Asbestos Containing Materials

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

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

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Plaster Base Coat	SPl	1st & 2nd Floor Rooms Walls & Ceilings, Basement Stair Walls & Ceiling	7,300 SF	Fair

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

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

HMG recommends that the plaster base coat 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 magnesia, aircell, and fittings may be within walls and ceilings.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPT	Tar Paper Interior
MPG	Glazing Compound
MFLkw	Black & White Linoleum
MFLk	Black Linoleum
MFLtk	Tan & Black Linoleum
MFLtw	Tan & White Linoleum
MFLnk	Brown & Black Linoleum
MFLr	Red Linoleum
MFLn	Brown Linoleum
MFLln	Yellow & Brown Linoleum
MFLlp	Yellow & Pink Linoleum
MFLt	Tan Linoleum
MFLg	Green Linoleum
MFLb	Blue Linoleum
MFLtg	Tan & Green Linoleum
MFLlr	Yellow & Red Linoleum
MFLwb	White & Blue Linoleum
MFLm	Multicolored Linoleum

Homogeneous Material Codes

MCTMw	White Ceramic Tile
MDW	Drywall/Joint Compound
MCB	Concrete Block
MBI	Blown in Insulation
MFB	Fiberboard
MRSk	Black Asphalt Shingle
TA5	<5" Diameter Aircell Pipe Insulation
TC5	<5" Diameter Cardboard Pipe Insulation
TM5	<5" Diameter Magnesia Pipe Insulation
TC5F	<5" Diameter Pipe Insulation Fitting on Cardboard
TM5F	<5" Diameter Pipe Insulation Fitting on Magnesia
TA5F	<5" Diameter Pipe Insulation Fitting on Aircell
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 2130 West Clarke Street, 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 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

B. Component Testing Results

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

Interior: 2130 West Clarke Street, Milwaukee, Wisconsin

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

Exterior: 2130 West Clarke Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2130 West Clarke Street, Milwaukee, Wisconsin **Date: 9/5/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	Northwest Wall	Brick	Red	0.228
P2	Basement	Chimney	Brick	Gray	0.213

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

1	Old Thermostats – 1st Floor Room 102
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 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

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. 299532
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 10/04/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	01	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
002	02	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	70	Tar
003	sample not received	**	** **	**	Not Analyzed		
No Sample Received							
004	sample not received	**	** **	**	Not Analyzed		
No Sample Received							
005	05	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3
006	06	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3
007	07	Homogeneous	Black Linoleum	Asbestos Not Present	Cellulose	35	Vinyl Tar

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008	08	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	Cellulose	30	Binder
009	09	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	Cellulose	30	Binder
010	10	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	Cellulose	30	Binder
011	11	Layered	Tan Skim Coat	Asbestos Not Present		NA		Gypsum Sand Paint
011a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	Cellulose	2	Gypsum Sand
012	12	Layered	Tan Skim Coat	Asbestos Not Present		NA		Gypsum Sand Paint

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Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)		Non Fibrous
012a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	Cellulose	2	Gypsum Sand
013	13	Layered	Tan Skim Coat	Asbestos Not Present		NA		Gypsum Sand Paint
013a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	Cellulose	2	Gypsum Sand
014	14	Homogeneous	Gray Plaster	Asbestos Present Chrysotile	<1	Cellulose	2	Gypsum Sand
015	15	Layered	Tan Skim Coat	Asbestos Not Present		NA		Gypsum Sand Paint
015a		Layered	Gray Plaster	Asbestos Present Chrysotile	<1	Cellulose	2	Gypsum Sand

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Milwaukee, WI 53204

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Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
016	16	Layered	Tan Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
016a		Layered	Gray Plaster	Asbestos Present Chrysotile <1	Cellulose 2	Gypsum Sand
017	17	Layered	Orange Mastic	Asbestos Not Present	NA	Glue
017a		Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
017b		Layered	Gray Concrete	Asbestos Not Present	NA	CaCO3 Sand
018	18	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
019	19	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose 100	

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Milwaukee, WI 53204

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Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020	20	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	100	
021	21	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	30	CaCO3 Vinyl Tar
022	22	Layered	Tan Linoleum	Asbestos Not Present	Cellulose	30	CaCO3 Vinyl Tar
022a		Layered	Brown Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
023	23	Layered	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
024	24	Layered	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
025	25	Layered	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint
025a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	30	Gypsum
026	26	Homogeneous	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint
027	27	Homogeneous	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint
028	28	Homogeneous	White Texture	Asbestos Not Present	Cellulose	5	CaCO3 Paint

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
029	29	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
030	30	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
031	31	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
032	32	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Tar
033	33	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Tar
034	34	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	90	Tar

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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
035	35	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
036	36	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
037	37	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
038	38	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
039	39	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
040	40	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	Gypsum
041	41	Homogeneous	White Insulation	Asbestos Present Chrysotile	60	NA	CaCO3

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Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	NA	CaCO3
043	43	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	NA	CaCO3
044	44	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 40	NA	CaCO3 Binder
045	45	Layered	Brown Sheet Vinyl	Asbestos Not Present	Cellulose 20	CaCO3 Vinyl
045a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
046	46	Homogeneous	White Insulation	Asbestos Present Chrysotile 80	NA	CaCO3

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
047	47	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	NA	Gypsum
048	48	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	NA	Gypsum
049	49	Homogeneous	White Insulation	Asbestos Present Chrysotile 60	NA	Gypsum
050	50	Homogeneous	Red Brick	Asbestos Not Present	NA	Clay Sand
051	51	Homogeneous	Red Brick	Asbestos Not Present	NA	Clay Sand
052	52	Homogeneous	Black Grout	Asbestos Not Present	NA	CaCO3 Sand
053	53	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299532
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 10/04/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
053a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
054	54	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
054a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
054b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
055	55	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
055a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299532
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 10/04/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
055b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	10	CaCO3 Vinyl
056	56	Layered	Brown Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
056a		Layered	Tan Mastic	Asbestos Not Present	NA		Glue
056b		Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose	10	CaCO3 Vinyl
057	57	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
058	58	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose Glass Fiber	10 90	
059	59	Homogeneous	Gray Insulation	Asbestos Not Present	Cellulose Glass Fiber	10 90	

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. 299532
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 10/04/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
060	60	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
061	61	Layered	Beige Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
061a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
062	62	Homogeneous	Green Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
063	63	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	35	Vinyl Tar
064	64	Homogeneous	Beige Linoleum	Asbestos Not Present	Cellulose	35	Vinyl Tar

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 299532
Account Number: B929
Date Received: 09/17/2018
Received By: Robin Brady Naik
Date Analyzed: 10/04/2018
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: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
065	65	Homogeneous	Multi-Color Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
066	66	Homogeneous	Brown Insulation	Asbestos Not Present	Cellulose	95	Tar
067	67	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose	40	Tar
068	68	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose	30	Tar Sand
069	69	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose	30	Tar Sand

Cassie Sanborn, Analyst

10/5/2018
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. 299532	
(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:	Damian Rogowski	Date:	9-5-18

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024. 2130
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Damian Rogowski	9-14-18 - 4:30pm		Kell	9/17/18 9am

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	☐		* sample not received		
4	04	☐		* sample not received		
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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For Lab Use Only
Lab No. 299532
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. 299532
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. 299532
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
S1	S1	☑				
S2	S2	☑				
S3	S3	☑				
S4	S4	☑				
S5	S5	☑				
S6	S6	☑				
S7	S7	☑				
S8	S8	☑				
S9	S9	☑				
60	60	☑				
61	61	☑				
62	62	☑				
63	63	☑				
64	64	☑				
65	65	☑				
66	66	☑				
67	67	☑				
68	68	☑				
69	69	☑				
70		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	299804	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	09/24/2018		
Received By:	Lisa Guthrie		
Date Analyzed:	09/27/2018	Project:	DNS
Analyzed By:	Dee Ammerman	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	03	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose	80	Tar
002	04	Homogeneous	Tan Window Glazing	Asbestos Not Present	NA		CaCO3

Dee Ammerman, Analyst

9/27/2018
Date of Report

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

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Lab No. 299 804	
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: [illegible]	Date:	

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024. 2130
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	9-21-18 5:30p		Lisa Guthrie	9/24/18 9:40 A.M.

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	03	☑				
2	04	☑				
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"

QuanTEM LABORATORIES
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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 300452
Account Number: B929
Date Received: 10/09/2018
Received By: Katie Davis
Date Analyzed: 10/09/2018
Analyzed By: Cassie Sanborn
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 299532
Project Location: Milwaukee, WI
Project Number: 18-400-024.2130

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	11	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose 2	Gypsum Sand
002	12	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose 2	Gypsum Sand
003	13	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose 2	Gypsum Sand
004	14	Homogeneous	Gray Plaster	Asbestos Present Chrysotile 0.25 400 Point Count	Cellulose 2	Gypsum Sand
005	15	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose 2	Gypsum Sand
006	16	Homogeneous	Gray Plaster	Asbestos Present Chrysotile <0.25 400 Point Count	Cellulose 2	Gypsum 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.	300452	Client:	Harenda Management Group Dean Jacobsen 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	10/09/2018		
Received By:	Katie Davis		
Date Analyzed:	10/09/2018	Project:	DNS, 400 PTCT for 299532
Analyzed By:	Cassie Sanborn	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	18-400-024.2130

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

Cassie Sanborn

Cassie Sanborn, Analyst

10/10/2018

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. 290452
(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:	18-400-024.2130
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	10/8/18 1615	Email	[illegible]	10-9-18 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	11	☑		gray plaster		QuanTEM Lab No. 299532
2	12	☑		gray plaster		
3	13	☑		gray plaster		
4	14	☑		gray plaster		
5	15	☑		gray plaster		
6	16	☑		gray plaster		
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: 299567
Date Received: 09/17/18
Received By: Jeff Mlekush
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.: 18-400-024.2130

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P01	Paint	Lead	0.228	0.005	%	09/20/18 11:19	P EPA 7000B (1)
002	P02	Paint	Lead	0.213	0.0049	%	09/20/18 11:19	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

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Report Results (☑ one box)	
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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. 213

Sampled By:	Name: Damian Rogowski	Date: 9-5-18

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Damian Rogowski	9-14-18 4:30pm			9/17/18

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	P01					X				X				
2	P02													
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

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

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

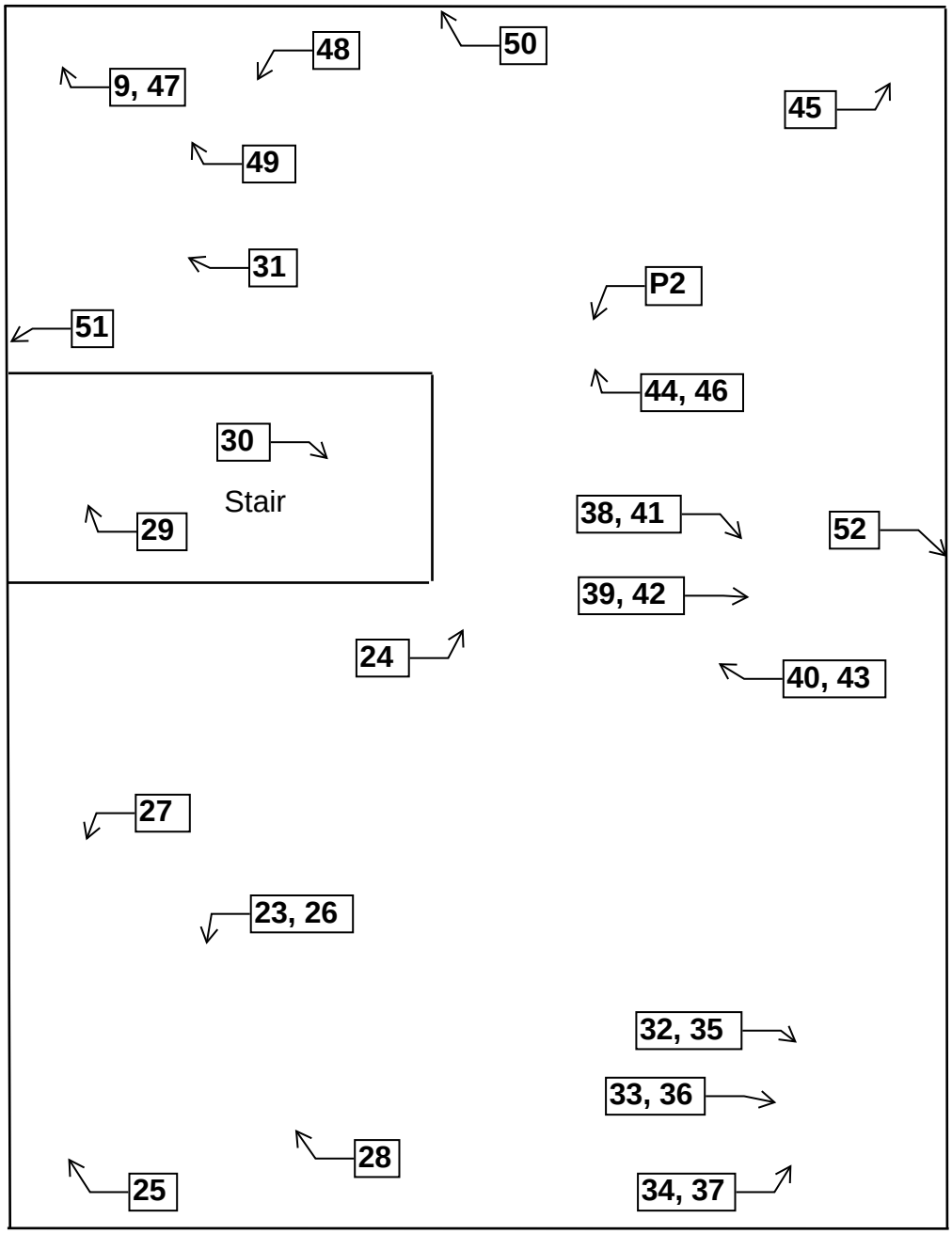
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

XI. FLOOR PLANS

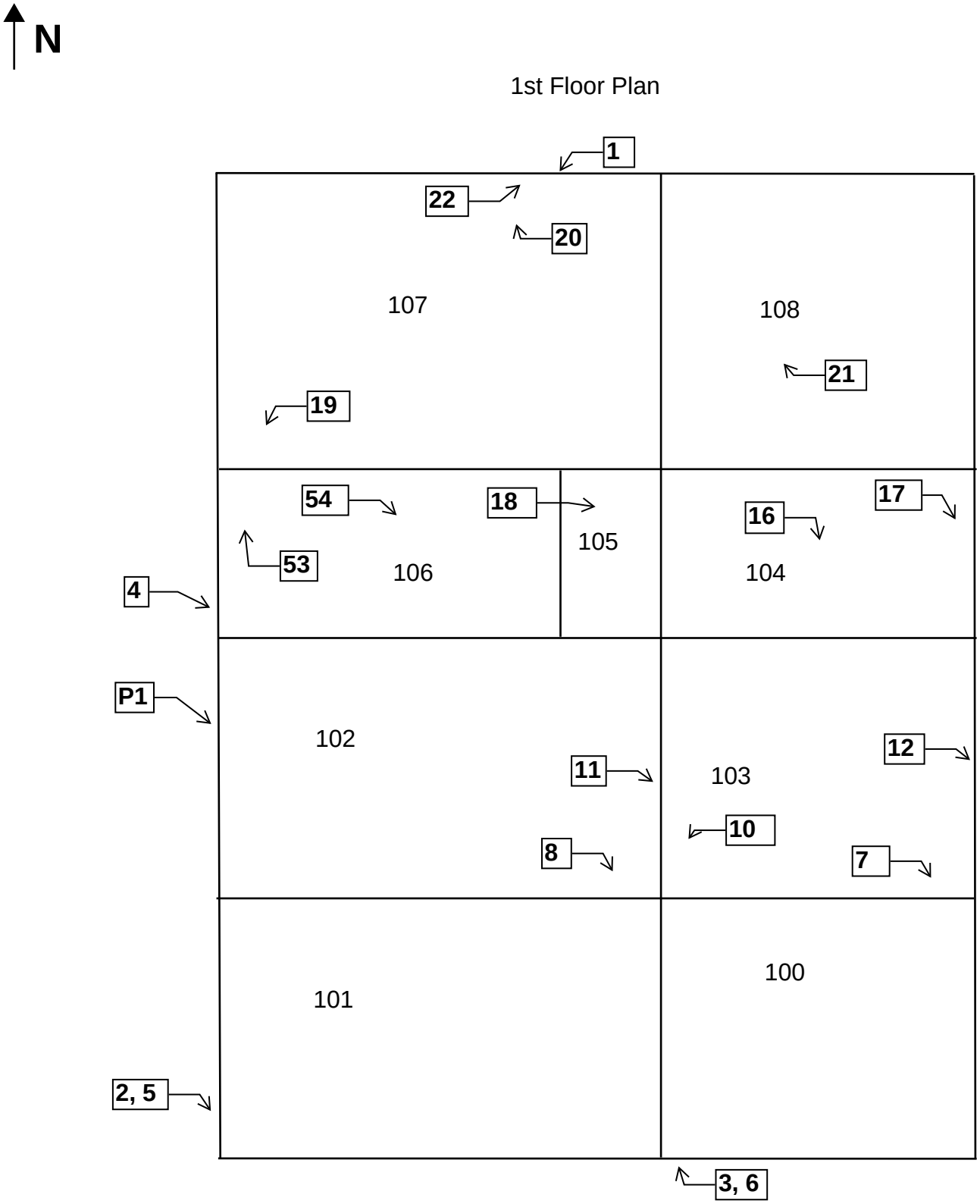
Two Family Dwelling
2130 West Clarke Street
Milwaukee, Wisconsin

N

Basement Floor Plan



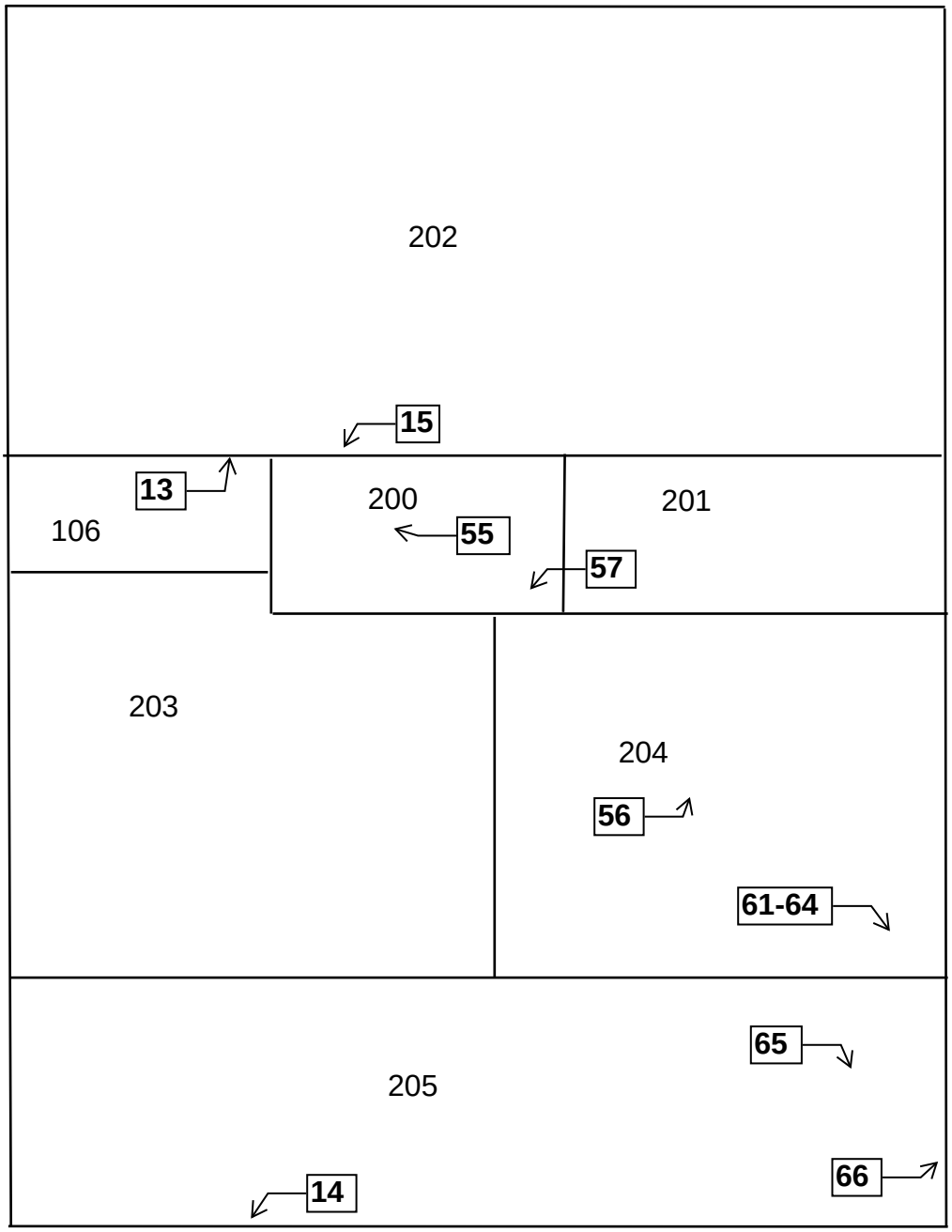
Two Family Dwelling
2130 West Clarke Street
Milwaukee, Wisconsin



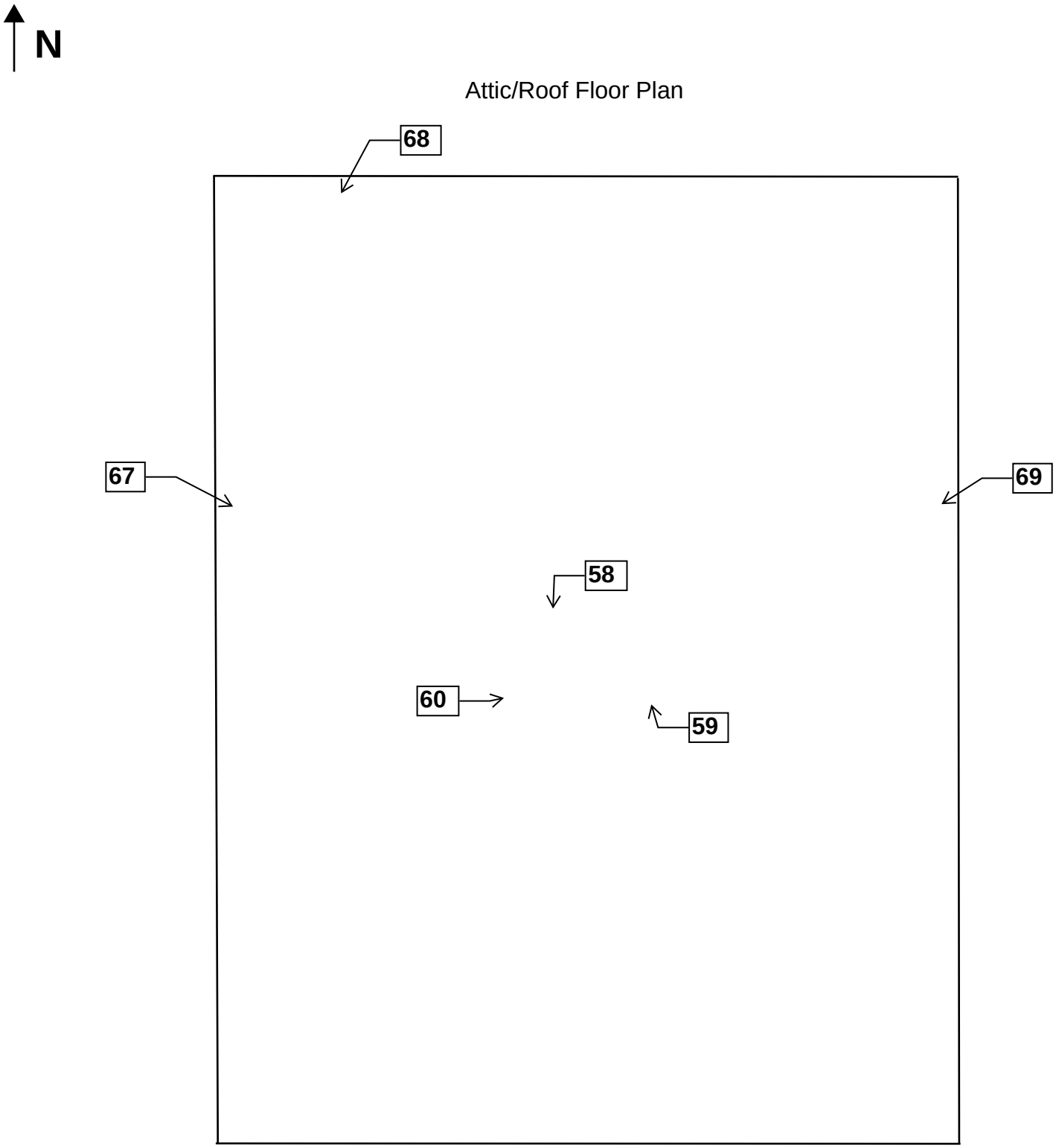
Two Family Dwelling
2130 West Clarke Street
Milwaukee, Wisconsin

N

2nd Floor Plan



Two Family Dwelling
2130 West Clarke Street
Milwaukee, Wisconsin



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

February 1, 2018

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

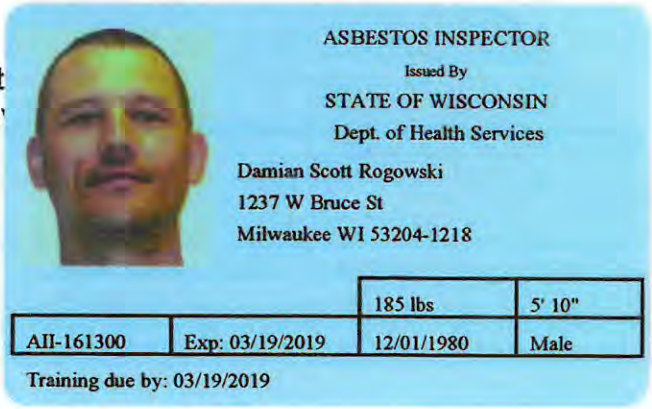
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2200-02 West Clarke 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.: 18-400-024.2200-02
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
2200-02 West Clarke Street
Milwaukee, Wisconsin

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

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

December 20, 2018

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

RE: Deconstruction Inspection Report
2200-02 West Clarke Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2200-02 West Clarke 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 2200-02 West Clarke 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 rear stair floor tile and linoleum, and joint compound patching on plaster sampled during the inspection. Asbestos was detected at less than 1% in window glazing compound. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2200-02 West Clarke Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing. The garage has wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On October 19, 2018, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2200-02 West Clarke 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:

- Caulk
- Paper insulation
- Ceiling tile
- Window glazing compound
- Floor tile
- Tar paper
- Linoleum
- Asphalt roofing
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – on south window – gray caulk	Negative	MCLKy
2	Exterior – on west window – gray caulk	Negative	MCLKy
3	Exterior – on east window – gray caulk	Negative	MCLKy
4	Exterior – south wall under wood siding – pink paper insulation	Negative	MPIp
5	Exterior – east wall under wood siding – pink paper insulation	Negative	MPIp
6	Exterior – north wall under wood siding – pink paper insulation	Negative	MPIp
7	Exterior – south wall under vinyl siding – silver paper insulation	Negative	MPIs
8	Exterior – east wall under vinyl siding – silver paper insulation	Negative	MPIs
9	Exterior – north wall under vinyl siding – silver paper insulation	Negative	MPIs
10	1st floor – foyer – on west wall under wood panel – yellow mastic	Negative	MPMl

Sample #	Location and Description	Results	Homogeneous Code
11	1st floor – dining room – on east wall under wood panel – yellow mastic	Negative	MPMl
12	1st floor – dining room – on south wall under wood panel – yellow mastic	Negative	MPMl
13	1st floor – living room – 2' x 4' ceiling tile	Negative	MSCT24
14	1st floor – dining room – on east window – glazing compound	Positive 3% Chrysotile	MPG
14	POINT COUNT RESULT	Trace 0.75% Chrysotile	MPG
15	1st floor – kitchen – on east window – glazing compound	Positive 3% Chrysotile	MPG
15	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
16	2nd floor – northwest bedroom – on south window – glazing compound	Positive 3% Chrysotile	MPG
16	POINT COUNT RESULT	Trace <0.25% Chrysotile	MPG
17a	1st floor – kitchen – on west wall – white ceramic tile	Negative	MCTMw
17b	1st floor – kitchen – on west wall – under white ceramic tile – yellow/black mastic	Negative	MCTMw
18	1st floor – kitchen north side – 12" brown floor tile	Negative	MF12n
19	1st floor – kitchen west side – 12" brown floor tile	Negative	MF12n
20	1st floor – kitchen center – 12" brown floor tile	Negative	MF12n
21a	2nd floor – dining room – 9" black and gray floor tile	Negative	MF9ky
21b	2nd floor – dining room – under 9" black and gray floor tile – black mastic	Negative	MF9ky
22a	2nd floor – living room – top layer - 9" black and gray floor tile	Negative	MF9ky
22b	2nd floor – living room – top layer - under 9" black and gray floor tile – black mastic	Negative	MF9ky
22b	2nd floor – living room – bottom layer – under black mastic – tar paper	Negative	MPT
23a	2nd floor – northwest front room – top layer - 9" black and gray floor tile	Negative	MF9ky
23b	2nd floor – northwest front room – top layer - under 9" black and gray floor tile – black mastic	Negative	MF9ky
23b	2nd floor – northwest front room – bottom layer – under black mastic – tar paper	Negative	MPT
24a	2nd floor – living room – center – 9" green floor tile	Negative	MF9g
24b	2nd floor – living room – center – under 9" green floor tile – black mastic	Negative	MF9g
25a	2nd floor – rear stair top layer – 9" white and black floor tile	Negative	MF9wk
25b	2nd floor – rear stair top layer – under 9" white and black floor tile – black mastic	Negative	MF9wk
25c	2nd floor – rear stair 2nd layer – 9" black floor tile – black mastic	Negative	MF9k
25d	2nd floor – rear stair 2nd layer – under 9" black floor tile	Negative	MF9k
26a	1st floor – pantry – 6" red floor tile	Negative	MF6r
26b	1st floor – pantry – under 6" red floor tile – brown mastic	Negative	MF6r
27	1st floor – pantry – under shelves – tan linoleum	Negative	MFLt
28	1st floor – pantry – on counter – tan and red linoleum	Negative	MFLtr
29a	**1st floor – rear stair – on lower landing – 12" brown and beige floor tile**	**Positive 8% Chrysotile**	**MF12ne**

Sample #	Location and Description	Results	Homogeneous Code
29b	1st floor – rear stair – on lower landing – under 12” brown and beige floor tile – black mastic	Negative	MF12ne
30	**1st floor – rear stair – on 2nd landing – top layer – orange and tan linoleum**	**Positive 20% Chrysotile**	**MFLot**
31	**1st floor – rear stair – on 2nd landing – 2nd layer – yellow and brown linoleum**	**Positive 20% Chrysotile**	**MFLln**
32	1st floor – rear stair – on 3rd landing – top layer – tan and gray linoleum	Negative	MFLty
33	1st floor – rear stair – on 3rd landing – 2nd layer – multicolored linoleum	Negative	MFLm
34a	2nd floor – west bedroom – 9” white floor tile	Negative	MF9w
34b	2nd floor – west bedroom – under 9” white floor tile – brown mastic	Negative	MF9w
35a	2nd floor – bathroom top layer – 12” white and blue floor tile	Negative	MF12wb
35b	2nd floor – bathroom top layer – under 12” white and blue floor tile – yellow mastic	Negative	MF12wb
36a	2nd floor – bathroom 2nd layer – 12” yellow and tan floor tile	Negative	MF12lt
36b	2nd floor – bathroom top layer – under 12” yellow and tan floor tile – brown mastic	Negative	MF12lt
37	2nd floor – bathroom – northwest top layer – white and green linoleum	Negative	MFLwg
38a	2nd floor – bathroom – southwest top layer – 9” brown floor tile	Negative	MF9n
38b	2nd floor – bathroom – southwest top layer – under 9” brown floor tile – brown mastic	Negative	MF9n
39a	2nd floor – kitchen north side – white and blue linoleum	Negative	MFLwb
39b	2nd floor – kitchen north side – under white and blue linoleum – yellow mastic	Negative	MFLwb
40a	2nd floor – kitchen west side – white and blue linoleum	Negative	MFLwb
40b	2nd floor – kitchen west side – under white and blue linoleum – yellow mastic	Negative	MFLwb
41	2nd floor – kitchen east side – white and blue linoleum	Negative	MFLwb
42a	1st floor – front entry – west wall – plaster skim coat	Negative	SPl
42b	1st floor – front entry – west wall – plaster base coat	Negative	SPl
43a	1st floor – foyer – east wall – plaster skim coat	Negative	SPl
43b	1st floor – foyer – east wall – plaster base coat	Negative	SPl
44a	1st floor – living room – east wall – plaster skim coat	Negative	SPl
44b	1st floor – living room – east wall – plaster base coat	Negative	SPl
45	1st floor – dining room – west wall – plaster	Negative	SPl
46	2nd floor – rear stair – west wall – plaster	Negative	SPl
47	2nd floor – kitchen – north wall – plaster	Negative	SPl
48a	**2nd floor – dining room – east wall – on plaster – joint compound**	**Positive 3% Chrysotile**	**MJC**
48a	**POINT COUNT RESULT**	**Positive 1.5% Chrysotile**	**MJC**
48b	2nd floor – dining room – east wall – plaster	Negative	SPl
49	House Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
50	House Roof – southwest top layer – gray asphalt shingle	Negative	MRSy
51	Garage Roof – top layer – gray asphalt shingle	Negative	MRSy
52	House Roof – northwest 2nd layer – green asphalt shingle	Negative	MRSg
53	House Roof – southwest 2nd layer – green asphalt shingle	Negative	MRSg
54	Garage Roof – 2nd layer – green asphalt shingle	Negative	MRSg

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Brown & Beige Floor Tile	MF12ne	1st Floor Rear Stair Lower Landing & Steps	70 SF	Good
Orange & Tan Linoleum	MFLot	Rear Stair 2nd Landing Top Layer	10 SF	Fair
Yellow & Brown Linoleum	MFLln	Rear Stair 2nd Landing Top Layer	10 SF	Fair
Joint Compound on Plaster	SPl	2nd Floor Dining Room Patches on Walls	30 SF	Fair

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	45 Windows	Fair

Assumed Asbestos Containing Materials

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

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

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

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

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

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

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

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

Homogeneous Material Codes

SPl	Plaster
MCLKy	Gray Caulk
MPIs	Silver Paper Insulation
MPIp	Pink Paper Insulation
MPMl	Yellow Wall Panel Mastic
MSCT24	2' x 4' Ceiling Tile
MPG	Glazing Compound
MCTMw	Ceramic Tile
MF12n	12" Brown Floor Tile
MF12ne	12" Brown & Beige Floor Tile
MF12wb	12" White & Blue Floor Tile
MF12lt	12" Yellow & Tan Floor Tile
MF9ky	9" Black & Gray Floor Tile
MF9g	9" Green Floor Tile
MF9wk	9" White & Black Floor Tile
MF9k	9" Black Floor Tile
MF9w	9" White Floor Tile
MF9n	9" Brown Floor Tile
MF6r	6" Red Floor Tile
MPT	Tar Paper
MFLt	Tan Linoleum
MFLtr	Tan & Red Linoleum
MFLot	Orange & Tan Linoleum
MFLln	Yellow & Brown Linoleum
MFLty	Tan & Gray Linoleum
MFLm	Multicolored Linoleum
MFLwg	White & Green Linoleum
MFLwb	White & Blue Linoleum
MJC	Joint Compopund Patch
MRSy	Gray 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 2200-02 West Clarke Street, Milwaukee, Wisconsin, took place on October 19, 2018. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 2200-02 West Clarke Street, Milwaukee, Wisconsin

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

Exterior: 2200-02 West Clarke Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2200-02 West Clarke Street, Milwaukee, Wisconsin **Date: 10/19/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	East Wall	Block	Red	0.487
P2	Basement	Northeast Wall	Block	Yellow	0.0970
P3	Basement	Southwest Wall	Block	Yellow/Blue	0.289
P4	Basement	Northwest Wall	Block	Red/White	0.0489

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

2	Fluorescent Lights – 2nd 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 Dining Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

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

ELECTRICAL SYSTEMS

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

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

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

OTHER ENVIRONMENTAL ISSUES

N/A	Hazardous Waste
N/A	Oil Tanks
N/A	Well Abandonment
N/A	Junk Auto Tires
1	Junk Boats – Garage

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. 301552
Account Number: B929
Date Received: 11/02/2018
Received By: Taylor Van Syckle
Date Analyzed: 11/26/2018
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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5	CaCO3
002	2	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5	CaCO3
003	3	Homogeneous	Gray Window Glazing	Asbestos Not Present	Talc	5	CaCO3
004	4	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
005	5	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
006	6	Homogeneous	Brown Paper	Asbestos Not Present	Cellulose	100	
007	7	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	40	Foil

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
008	8	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	40	Foil
009	9	Homogeneous	Silver Paper	Asbestos Not Present	Cellulose	40	Foil
010	10	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue
011	11	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue
012	12	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue
013	13	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30	Perlite Paint

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Milwaukee, WI 53204

Project: DNS
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Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	14	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
015	15	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
016	16	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 3	NA	CaCO3
017	17	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
017a		Layered	Yellow/Black Mastic	Asbestos Not Present	NA	CaCO3 Glue Tar
018	18	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
019	19	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

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Date Analyzed: 11/26/2018
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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	20	Homogeneous	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
021	21	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
021a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
022	22	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
022b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
023	23	Layered	Beige Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
023a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
023b		Layered	Black Tar Paper	Asbestos Not Present	Cellulose 70	Tar
024	24	Layered	Green Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
024a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
025	25	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
025a		Layered	Black Mastic	Asbestos Not Present	NA	Tar

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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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
025b		Layered	Black Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
025c		Layered	Black Mastic	Asbestos Not Present	NA		Tar
026	26	Layered	Red Floor Tile	Asbestos Not Present	NA		CaCO3 Vinyl
026a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
027	27	Homogeneous	Tan Linoleum	Asbestos Not Present	Cellulose	35	CaCO3 Vinyl Tar
028	28	Homogeneous	Brown Sheet Vinyl	Asbestos Not Present	Cellulose	20	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

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Received By: Taylor Van Syckle
Date Analyzed: 11/26/2018
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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
029	29	Layered	Beige Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
029a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
030	30	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
031	31	Homogeneous	Yellow Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl
032	32	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
033	33	Homogeneous	Gray Linoleum	Asbestos Not Present	Cellulose 35	CaCO3 Vinyl Tar
034	34	Layered	Yellow Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
035	35	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 10 Glass Fiber 5	CaCO3 Vinyl
035a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
036	36	Layered	Yellow Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
036a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
037	37	Homogeneous	Tan 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

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Account Number: B929
Date Received: 11/02/2018
Received By: Taylor Van Syckle
Date Analyzed: 11/26/2018
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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
038	38	Layered	Brown Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
038a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue Tar
039	39	Layered	Tan Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
039a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
040	40	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl
040a		Layered	Orange Mastic	Asbestos Not Present	NA	Glue
041	41	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 10	CaCO3 Vinyl

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Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 11/02/2018
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Date Analyzed: 11/26/2018
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: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
042	42	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
042a		Layered	Tan Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand
043	43	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
043a		Layered	Tan Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand
044	44	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand Paint
044a		Layered	Tan Plaster	Asbestos Not Present	Hair 2	CaCO3 Sand

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Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
045	45	Homogeneous	Tan Plaster	Asbestos Not Present	Hair	2	CaCO3 Sand
046	46	Homogeneous	Tan Plaster	Asbestos Not Present	Hair	2	CaCO3 Sand
047	47	Homogeneous	White Plaster	Asbestos Not Present	NA		Gypsum Sand
048	48	Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA		CaCO3
048a		Layered	Tan Plaster	Asbestos Not Present	Hair	<1	CaCO3 Sand
049	49	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
050	50	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand

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Dean Jacobsen
1237 West Bruce St.
Milwaukee, WI 53204

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
051	51	Homogeneous	Gray Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
052	52	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
053	53	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand
054	54	Homogeneous	Green Shingle	Asbestos Not Present	Cellulose	30	Tar Sand

Cassie Sanborn

Cassie Sanborn, Analyst

11/26/2018
Date of Report

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QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 301052	
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:	18-400-024.2200-02
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/1/18 1700	Fed Ex	[illegible]	11/2/18 @9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

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. 301552
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. 301552
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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Lab No. 30552
Accept Reject

Project Information

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
S 1	S1	☑				
S 2	S2	☐				
S 3	S3	☐				
S 4	S4	☑				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				
1		☐				
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
0		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302619
Account Number: B929
Date Received: 12/05/2018
Received By: Katie Davis
Date Analyzed: 12/10/2018
Analyzed By: Cassie Sanborn
Methodology: EPA/600/R-93/116

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

Project: DNS, 400 PTCT for 301552
Project Location: Milwaukee, WI
Project Number: 18-400-024.2200-02

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	14	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile 0.75 400 Point Count	NA	CaCO3
002	15	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile <0.25	NA	CaCO3
003	16	Homogeneous	Gray Window Glazing	Asbestos Present Chrysotile <0.25 400 Point Count	NA	CaCO3
004	48	Homogeneous	White Joint Compound	Asbestos Present Chrysotile 1.50 400 Point Count	NA	CaCO3

Cassie Sanborn

Cassie Sanborn, Analyst

12/11/2018
Date of Report

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

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

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

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

Project Information	
Project Name:	DNS
Project Location:	Milwaukee, WI
Project ID:	18-400-024.2200-02
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	12/4/18 1600	Email	[illegible]	12-5-18 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	14	☑				QuanTEM Lab No. 301552
2	15	☑				
3	18	☑				
4	48	☑		joint compound		
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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X. LEAD LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 301548
Date Received: 11/02/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 11/09/18

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.: 18-400-024.2200-02

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.487	0.00493	%	11/08/18 11:13	P EPA 7000B (1)
002	P2	Paint	Lead	0.0970	0.00491	%	11/08/18 11:13	P EPA 7000B (1)
003	P3	Paint	Lead	0.289	0.005	%	11/08/18 11:13	P EPA 7000B (1)
004	P4	Paint	Lead	0.0489	0.00498	%	11/08/18 11:13	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. 301548	
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:	18-400-024.2200-02

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean John	11/1/18 1700	FedEx	[illegible]	11-2-18 9:50

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb			Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	P1				B	X				X				
2	P2				↓	↓				↓				
3	P3													
4	P4													
5														
6														
7														
8														
9														
10														
11														
12														

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

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

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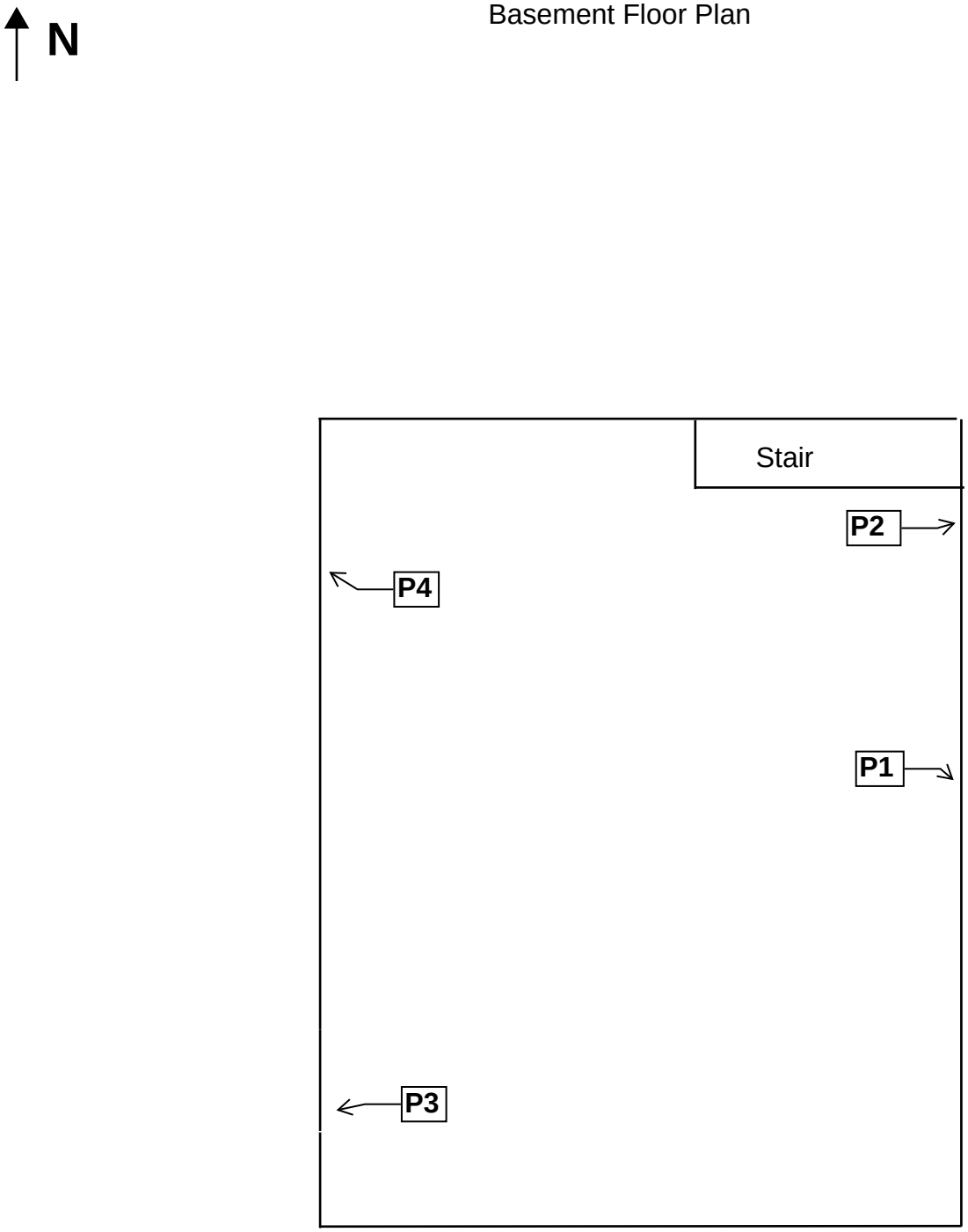
XI. FLOOR PLANS

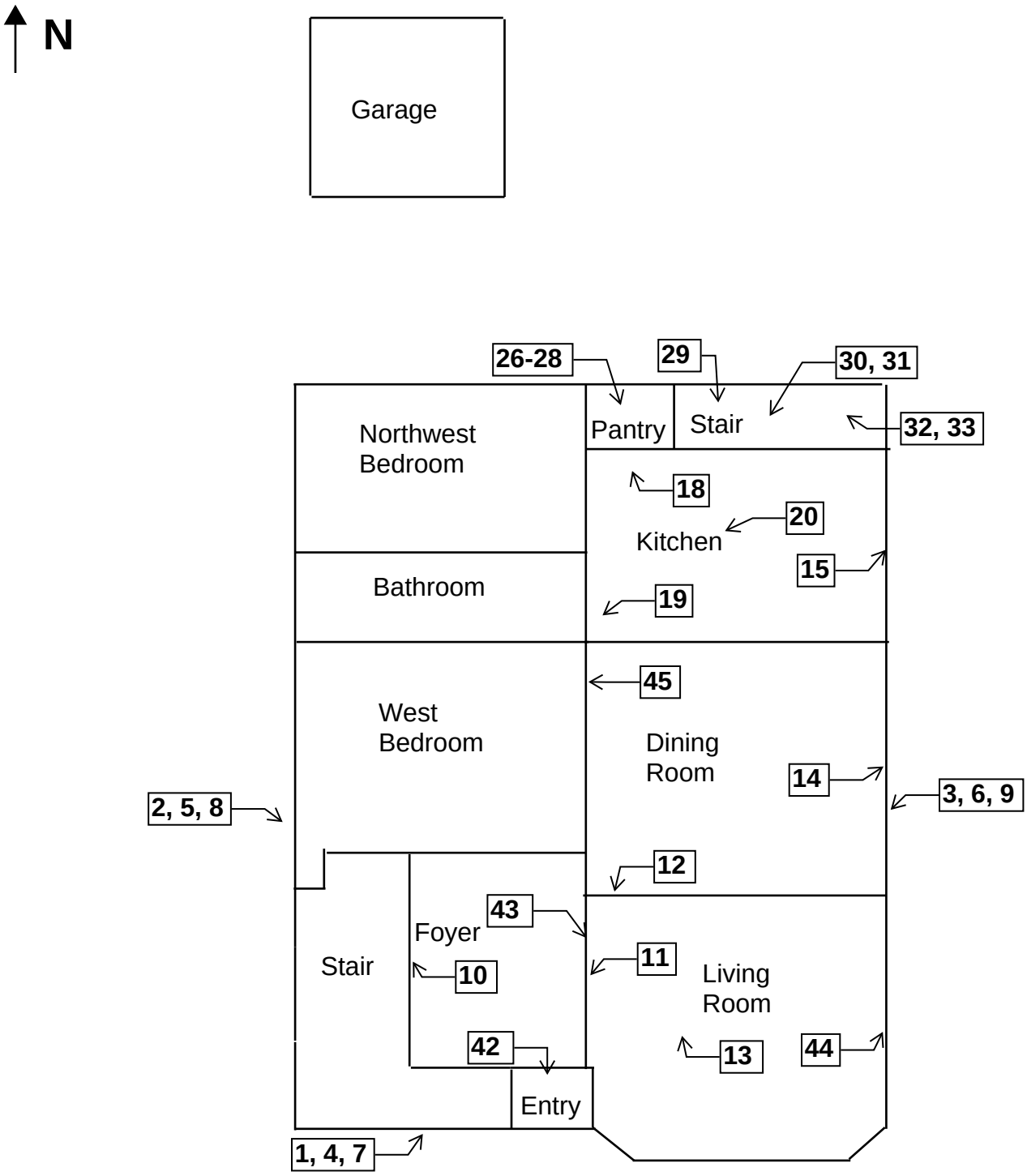
Two Family Dwelling
2200-02 West Clarke Street
Milwaukee, Wisconsin

Basement Floor Plan



Two Family Dwelling
2200-02 West Clarke Street
Milwaukee, Wisconsin

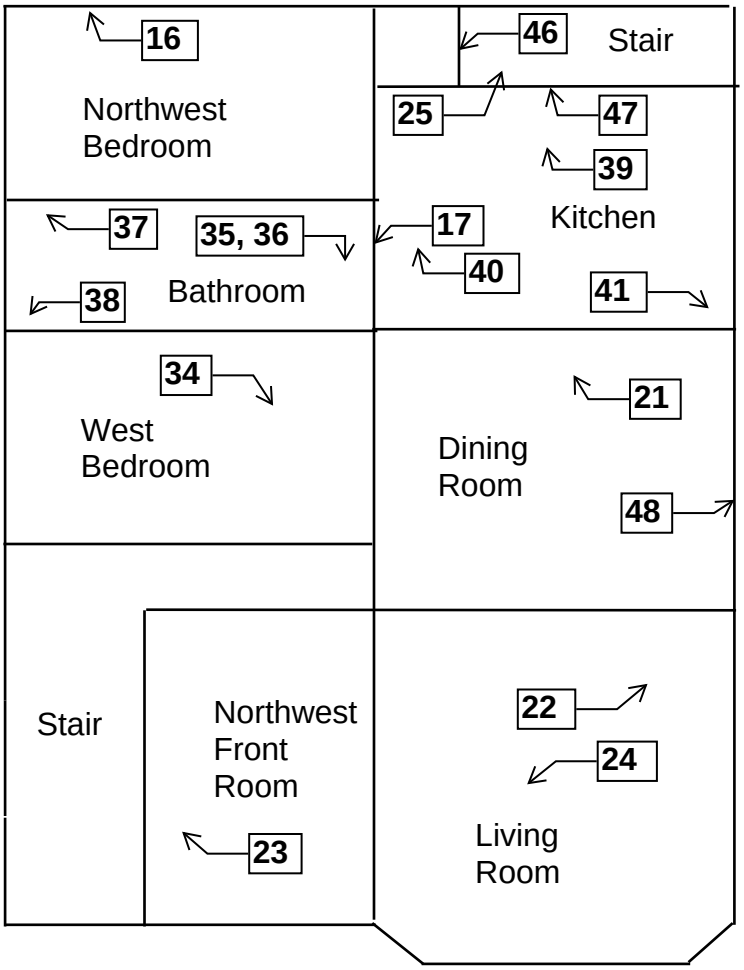
1st Floor Plan



Two Family Dwelling
2200-02 West Clarke Street
Milwaukee, Wisconsin

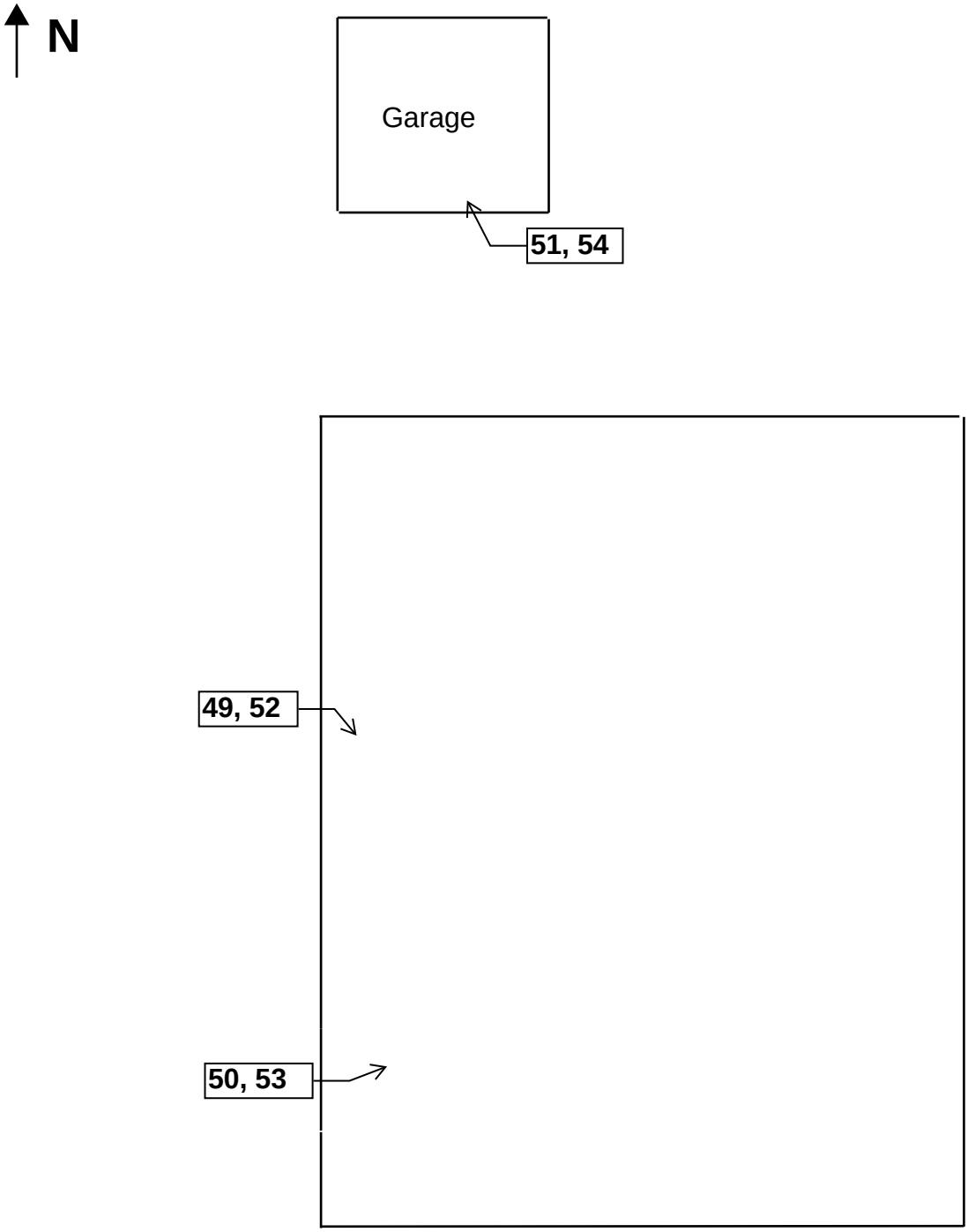
N

2nd Floor Plan



Two Family Dwelling
2200-02 West Clarke Street
Milwaukee, Wisconsin

Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

August 27, 2018

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

ID# AII-104769

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, ... ow
professional responsibility. Contact us i... on is
below and on the back of your blue car...

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

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2213-15 West Clarke 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.: 18-400-024.2213-15C
Inspector: Craig Dekutowski
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
2213-15 West Clarke Street
Milwaukee, Wisconsin

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

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

December 28, 2018

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

RE: Deconstruction Inspection Report
2213-15 West Clarke Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2213-15 West Clarke 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 2213-15 West Clarke 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 and 2nd floor kitchen linoleum sampled during the inspection. Asbestos was assumed to be in the roof flashing. Results are in Section IV of this report.

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

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling at 2213-15 West Clarke 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. ASEBSTOS INSPECTION

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

On October 23, 2018, HMG conducted an asbestos inspection and lead inspection of a one family dwelling, scheduled for deconstruction, located at 2213-15 West Clarke Street, Milwaukee, Wisconsin. The inspection was conducted by Craig Dekutowski, Wisconsin License No. AII – 500, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

1. A visual determination as to the extent of suspect asbestos containing materials within the building.
2. Sampling and documentation of observable suspect asbestos containing materials.
3. Quantification of observable asbestos containing materials existing within the spaces.
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
- Blown in insulation
- Asphalt roofing
- Tar paper
- Duct wrap
- Floor tile
- Linoleum
- Paper insulation
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. Current US EPA NESHAP regulations state asbestos materials means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy (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	2nd floor – east bedroom – ceiling – plaster	Negative	SPl
2a	2nd floor – stair – ceiling – plaster skim coat	Negative	SPl
2b	2nd floor – stair – ceiling – plaster base coat	Negative	SPl
3	1st floor – kitchen – ceiling – plaster	Negative	SPl
4	Attic – on floor – blown in insulation	Negative	MBI
5	2nd floor – front room – in ceiling – blown in insulation	Negative	MBI
6	1st floor – kitchen – in ceiling – blown in insulation	Negative	MBI
7	Roof – southwest side top layer – red asphalt shingle	Negative	MRSr
8	Roof – northwest side top layer – red asphalt shingle	Negative	MRSr
9	Roof – east side top layer – red asphalt shingle	Negative	MRSr
10	Roof – southwest side 2nd layer – black asphalt shingle	Negative	MRSk
11	Roof – northwest side 2nd layer – black asphalt shingle	Negative	MRSk
12	Roof – east side 2nd layer – black asphalt shingle	Negative	MRSk
13	Roof – southwest side 3rd layer – tar paper	Negative	MPT
14	Roof – northwest side 3rd layer – tar paper	Negative	MPT
15	Roof – east side 3rd layer – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
16	**1st floor – east bedroom – on south wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
17	**1st floor – east bedroom – on south wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
18	**1st floor – east bedroom – on north wall duct – duct wrap**	**Positive 60% Chrysotile**	**TDW**
19	1st floor – hall – beige linoleum scrap	Negative	MFLe
20a	2nd floor – kitchen top layer – gold linoleum	Negative	MFLd
20b	2nd floor – kitchen top layer – under gold linoleum – orange mastic	Negative	MFLd
21a	1st floor – kitchen top layer – 12" blue floor tile	Negative	MF12b
21b	1st floor – kitchen 2nd layer – 12" brown floor tile	Negative	MF12n
22	**2nd floor – kitchen 2nd layer – orange linoleum**	**Positive 20% Chrysotile**	**MFLo**
23	2nd floor – kitchen 3rd layer – white linoleum	Negative	MFLw
24a	2nd floor – stair landing – white and beige linoleum	Negative	MFLwe
24b	2nd floor – stair landing – under white and beige linoleum – brown mastic	Negative	MFLwe
25	Exterior – north wall under wood siding – pink paper insulation	Negative	MPIp
26	Exterior – east wall under wood siding – pink paper insulation	Negative	MPIp
27	Exterior – west wall under wood siding – pink paper insulation	Negative	MPIp

Two (2) 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	1st Floor Northeast Bedroom on Ducts	12 SF	Poor
Orange Linoleum	MFLo	2nd Floor Kitchen 2nd Layer	150 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 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 in basement and within walls and ceilings

Homogeneous Material Codes

SPl	Plaster
MBI	Blown in Insulation
MRSr	Red Asphalt Shingle
MRSk	Black Asphalt Shingle
MPT	Tar Paper
MFLe	Beige Linoleum
MFLd	Gold Linoleum
MFLo	Orange Linoleum
MFLw	White Linoleum
MFLwe	White & Beige Linoleum
MPIp	Pink Paper Insulation
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 2213-15 West Clarke Street, Milwaukee, Wisconsin, took place on October 23, 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: 2213-15 West Clarke Street, Milwaukee, Wisconsin

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

Exterior: 2213-15 West Clarke Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2213-15 West Clarke Street, Milwaukee, Wisconsin **Date: 10/23/18**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P2	Exterior	East Wall	Block	Gray	0.294

Note: Sample P1 in laboratory report in Section X was collected from the interior plaster wall.

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

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

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

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

VI. EXCLUSIONS

No access to basement. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Only visible or accessible areas were included in the scope of work.

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

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

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

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

VII. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. HMG utilizes 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. 302893
Account Number: B929
Date Received: 12/12/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2213-15

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	5	Gypsum CaCO3 Sand
002	2	Layered	White Skim Coat	Asbestos Not Present	NA		CaCO3 Sand
002a		Layered	Gray Plaster	Asbestos Not Present	Hair	5	Gypsum CaCO3 Sand
003	3	Homogeneous	Gray Plaster	Asbestos Not Present	Hair	5	Gypsum CaCO3 Sand
004	4	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
005	5	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302893
Account Number: B929
Date Received: 12/12/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2213-15

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
006	6	Homogeneous	Gray Insulation	Asbestos Not Present	Glass Fiber	100	
007	7	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
008	8	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
009	9	Homogeneous	Red/Black Shingle	Asbestos Not Present	Cellulose	40	Tar Sand
010	10	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
011	11	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand
012	12	Homogeneous	Black Shingle	Asbestos Not Present	Glass Fiber	25	Tar Sand

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

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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. 302893
Account Number: B929
Date Received: 12/12/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2213-15

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	13	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
014	14	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
015	15	Homogeneous	Black Tar Paper	Asbestos Not Present	Cellulose 40	Tar
016	16	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
017	17	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder
018	18	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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. 302893
Account Number: B929
Date Received: 12/12/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2213-15

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	19	Homogeneous	Beige/Brown Sheet Vinyl	Asbestos Not Present	Cellulose 10	Vinyl CaCO3
020	20	Layered	Beige/Brown Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
020a		Layered	Orange Mastic	Asbestos Not Present	NA	Glue
021	21	Layered	Blue Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
021a		Layered	Brown Flooring	Asbestos Not Present	NA	CaCO3 Vinyl
022	22	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
023	23	Homogeneous	White Linoleum	Asbestos Not Present	Cellulose 50	CaCO3 Vinyl

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

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 302893
Account Number: B929
Date Received: 12/12/2018
Received By: Taylor Van Syckle
Date Analyzed: 12/27/2018
Analyzed By: Benjamin Hill
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 18-400-024.2213-15

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
024	24	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose	10	Vinyl CaCO3
024a		Layered	Brown Mastic	Asbestos Not Present	NA		Glue
025	25	Homogeneous	Red Paper	Asbestos Not Present	Cellulose	95	Binder
026	26	Homogeneous	Red Paper	Asbestos Not Present	Cellulose	95	Binder
027	27	Homogeneous	Red Paper	Asbestos Not Present	Cellulose	95	Binder

Benjamin Hill

Benjamin Hill, Laboratory Technician

12/27/2018

Date of Report

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

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

QUANTEM LABORATORIES
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. 302893	
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:	18-400-024.2213-15
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	12/11/18 1700	FedEx	J Van Sylen 12/12/18	9:15a

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 302893
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	2	☐				
29		☐				
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"

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: 302890
Date Received: 12/12/18
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/17/18

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.: 18-400-024.2213-15

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	P1	Paint	Lead	0.611	0.00497	%	12/17/18 11:46	P EPA 7000B (1)
002	P2	Paint	Lead	0.294	0.00489	%	12/17/18 11:46	P EPA 7000B (1)

Authorized Signature:_____
Cherry Rossen, Technical Manager

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

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

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

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

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

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

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 302890	
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:	18-400-024.2213-15

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	12/4/18 1200	Fed Ex	[signature]	12/12/18 9:15

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

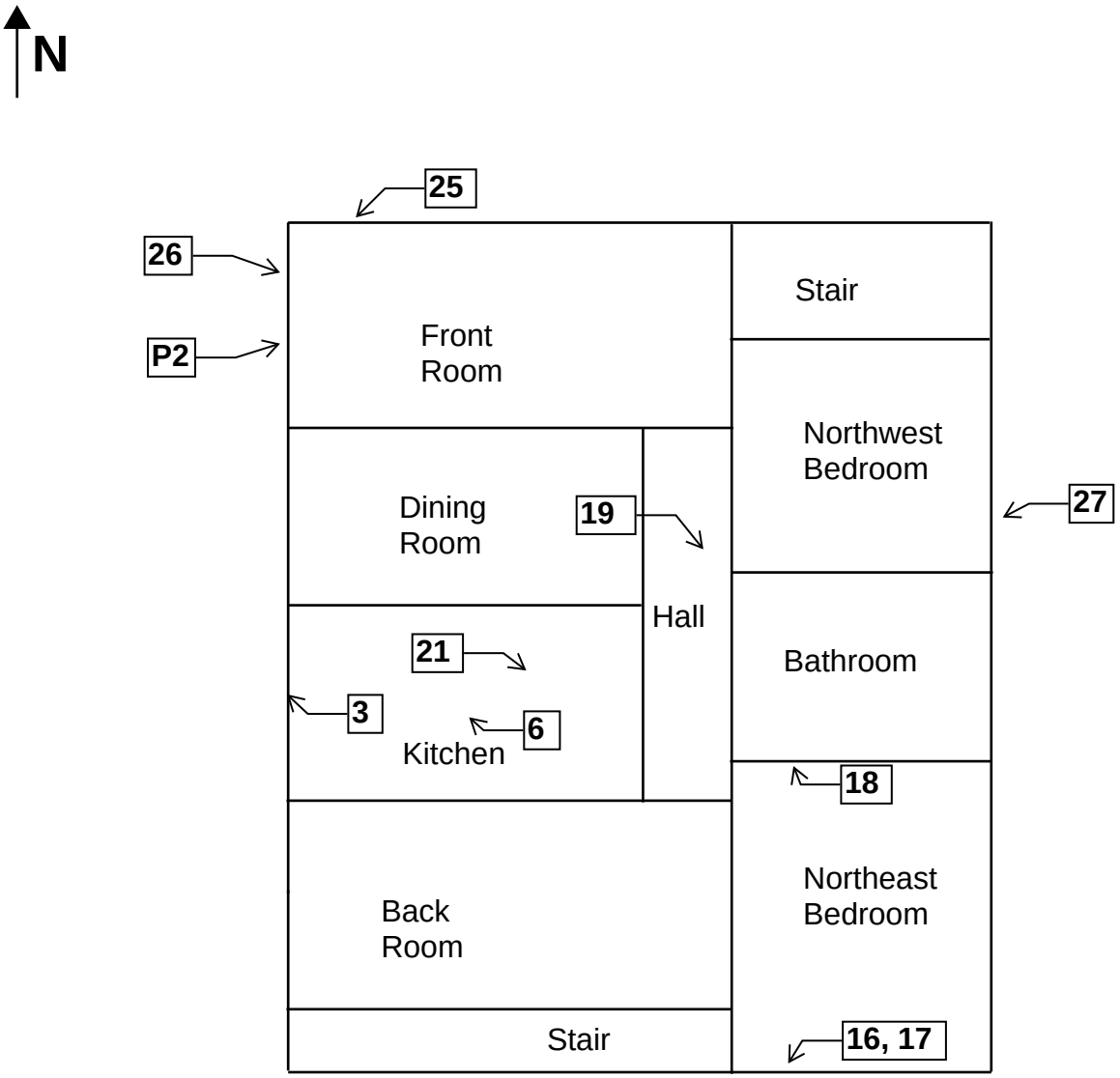
TURNAROUND TIME	
	Same Day
	24 - Hour
✓	3 - Day
	5 - Day

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

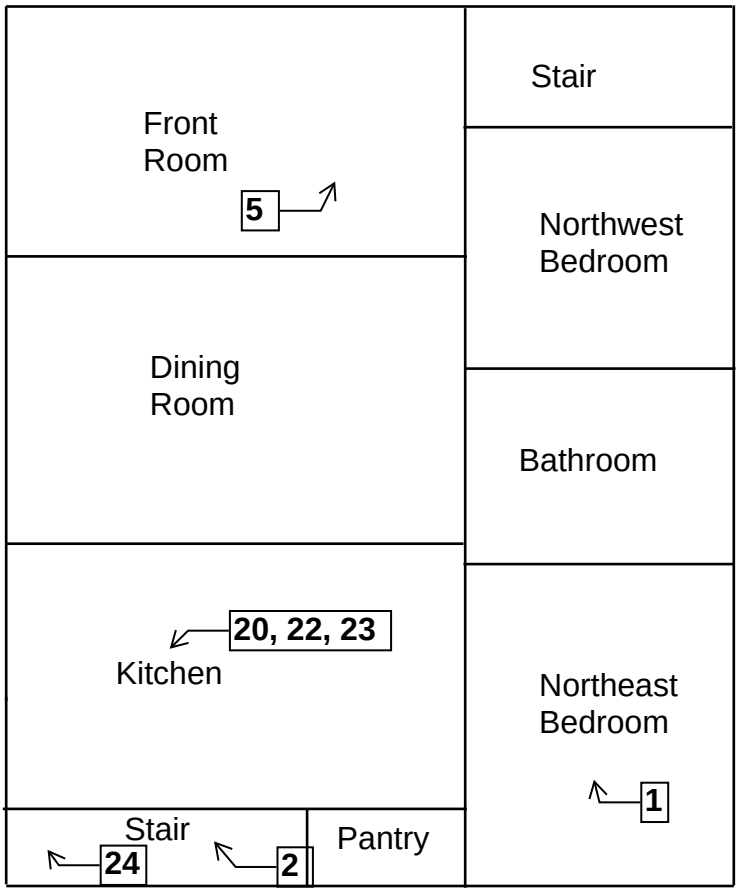
Two Family Dwelling
2213-15 West Clarke Street
Milwaukee, Wisconsin

1st Floor Plan



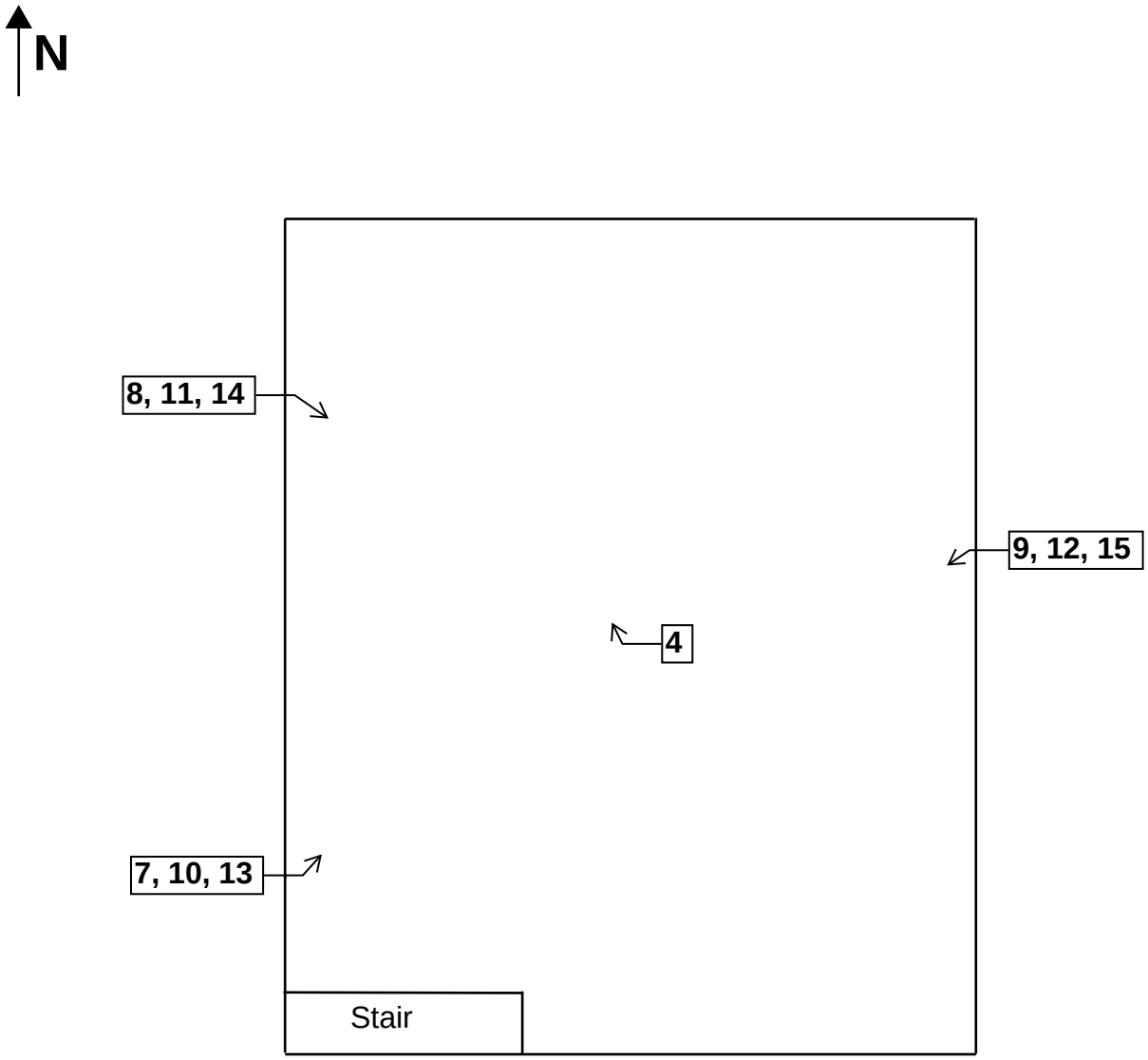
Two Family Dwelling
2213-15 West Clarke Street
Milwaukee, Wisconsin

2nd Floor Plan



Two Family Dwelling
2213-15 West Clarke 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

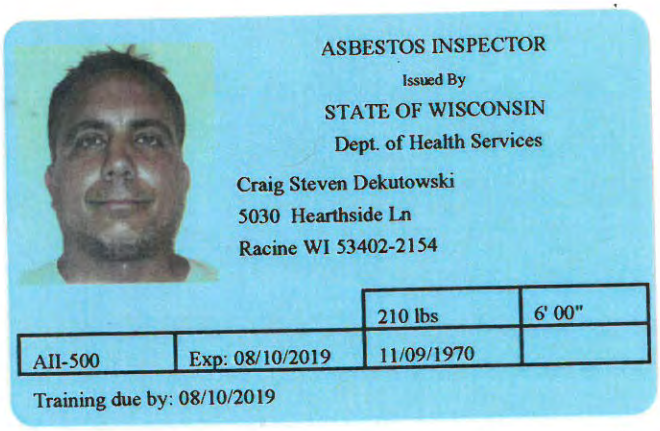
is certified under ch. DHS 159, Wis.Adm.Code as a

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



ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Craig Steven Dekutowski

5030 Hearthside Ln

Racine WI 53402-2154

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

Training due by: 08/10/2019

COPY

DECONSTRUCTION INSPECTION REPORT
Job Site:

Two Family Dwelling
2724 West Clarke 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.: 19-400-037.2724
Inspector: Cecil Trawick
Contract No.: 360-19-0975

Prepared by:

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

March 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
2724 West Clarke 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

March 20, 2019

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

RE: Deconstruction Inspection Report
2724 West Clarke Street
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 2724 West Clarke 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 2724 West Clarke 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 foyer and rear stair linoleum and basement 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 exterior basement walls. Results are in Section V of this report.

TABLE OF CONTENTS

Deconstruction Inspection Report

I. Introduction 1

II. Asbestos Inspection 1

III. Asbestos Laboratory 1
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct an inspection for suspect asbestos containing materials and potential lead painted masonry surfaces in the two family dwelling and garage at 2724 West Clarke Street, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl and wood walls with asphalt roofing. The garage has wood walls and asphalt roofing.

II. ASEBSTOS INSPECTION

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

On March 7, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling and garage, scheduled for deconstruction, located at 2724 West Clarke 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
- Plaster
- Drywall/joint compound
- Floor tile
- Linoleum
- Ceramic tile
- Blown in insulation
- Flue packing
- Texture
- Window glazing compound
- Asphalt roofing

- Duct wrap
- Roof flashing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – south wall – under wood siding – black paper insulation	Negative	MPIk
2	Exterior – east wall – under wood siding – black paper insulation	Negative	MPIk
3	Exterior – north wall – under wood siding – black paper insulation	Negative	MPIk
4	1st floor – front entry – east wall – plaster	Negative	SPl
5a	1st floor – foyer – west wall – plaster base coat	Negative	SPl
5b	1st floor – foyer – west wall – plaster skim coat	Negative	SPl
6a	1st floor – living room – north wall – plaster base coat	Negative	SPl
6b	1st floor – living room – north wall – plaster skim coat	Negative	SPl
7	1st floor – kitchen – east wall – plaster	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
8	2nd floor – kitchen – east wall – plaster	Negative	SPl
9a	2nd floor – hall – west wall – plaster base coat	Negative	SPl
9b	2nd floor – hall – west wall – plaster skim coat	Negative	SPl
10	2nd floor – west bedroom– west wall – plaster	Negative	SPl
11a	1st floor – east bedroom – west wall – drywall	Negative	MDW
11b	1st floor – east bedroom – west wall – joint compound	Negative	MDW
12a	1st floor – hall – east wall – drywall	Negative	MDW
12b	1st floor – hall – east wall – joint compound	Negative	MDW
13a	1st floor – west bedroom – south wall – drywall	Negative	MDW
13b	1st floor – west bedroom – south wall – joint compound	Negative	MDW
14a	1st floor – living room east side – 12” tan floor tile	Negative	MF12t
14b	1st floor – living room east side – under 12” tan floor tile – yellow mastic	Negative	MF12t
15a	1st floor – living room northeast – 12” tan floor tile	Negative	MF12t
15b	1st floor – living room northeast – under 12” tan floor tile – yellow mastic	Negative	MF12t
16	1st floor – living room east side – 12” tan floor tile	Negative	MF12t
17	1st floor – living room west side – 12” black and green floor tile	Negative	MF12kg
18	**1st floor – foyer – tan linoleum**	**Positive 20% Chrysotile**	**MFLt**
19	1st floor – bathroom – yellow linoleum	Negative	MFLl
20	1st floor – northwest bedroom under carpet – brown linoleum	Negative	MFLn
21	1st floor – kitchen floor southwest – tan ceramic tile	Negative	MCTMt
22	1st floor – kitchen floor northeast – tan ceramic tile	Negative	MCTMt
23	1st floor – kitchen floor northwest – tan ceramic tile	Negative	MCTMt
24	1st floor – kitchen – in east wall – blown in insulation	Negative	MBI
25	1st floor – east bedroom – in east wall – blown in insulation	Negative	MBI
26	2nd floor – west bedroom – 6” black floor tile	Negative	MF6k
27	2nd floor – kitchen – in east wall – blown in insulation	Negative	MBI
28	**1st floor – rear stair landing – black linoleum**	**Positive 20% Chrysotile**	**MFLk**
29	Basement – on chimney – flue packing	Negative	TFP
30	2nd floor – dining room west side – 12” white and green floor tile	Negative	MF12wg
31	2nd floor – dining room north side – 12” white and green floor tile	Negative	MF12wg
32	2nd floor – dining room east side – 12” white and green floor tile	Negative	MF12wg
33	2nd floor – southwest bedroom east side – 12” blue and white floor tile	Negative	MF12bw
34	2nd floor – northwest bedroom south side – 6” white floor tile	Negative	MF6w
35	2nd floor – dining room – on ceiling east side – texture	Negative	STX
36	2nd floor – dining room – on ceiling west side – texture	Negative	STX
37	2nd floor – living room – on ceiling – texture	Negative	STX
38	2nd floor – morthwest bedroom north side – 12” black and beige floor tile	Negative	MF12ke
39	Attic – on north window – glazing compound	Negative	MPG
40	Attic – on south window – glazing compound	Negative	MPG
41	Basement – on east window – glazing compound	Negative	MPG
42a	Roof – northeast top layer – black and green asphalt shingle	Negative	MRSkg
42b	Roof – northeast 2nd layer – black asphalt shingle	Negative	MRSk

Sample #	Location and Description	Results	Homogeneous Code
43a	Roof – west side top layer – black and green asphalt shingle	Negative	MRSkg
43b	Roof – west side 2nd layer – black asphalt shingle	Negative	MRSk
44a	Roof – southeast top layer – black and green asphalt shingle	Negative	MRSkg
44b	Roof – southeast 2nd layer – black asphalt shingle	Negative	MRSk
45	**Basement – on east boot – duct wrap**	**Positive 55% Chrysotile**	**TDW**
46	**Basement – on south boot – duct wrap**	**Positive 55% Chrysotile**	**TDW**
47	**Basement – on west boot – duct wrap**	**Positive 55% Chrysotile**	**TDW**

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Tan Linoleum	MFLt	1st Floor Foyer	65 SF	Poor
Black Linoleum	MFLk	1st Floor Rear Stair Landing	60 SF	Fair
Duct Wrap	TDW	Basement Boots	15 SF	Poor

Assumed Asbestos Containing Materials

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

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

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

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MPIk	Black Paper Insulation
MDW	Drywall/Joint Compound
MF12t	12” Tan Floor Tile
MF12kg	12” Black & Green Floor Tile
MF12wg	12” White & Green Floor Tile
MF12bw	12” Blue & White Floor Tile
MF12ke	12” Black & Beige Floor Tile
MF6k	6” Black Floor Tile
MF6w	6” White Floor Tile

Homogeneous Material Codes

MFLt	Tan Linoleum
MFLl	Yellow Linoleum
MFLn	Brown Linoleum
MFLk	Black Linoleum
MCTMt	Tan Ceramic Tile
MPG	Glazing Compound
MBI	Blown in Insulation
MRSgk	Green & Black Asphalt Shingle
MRSk	Black 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 2724 West Clarke Street, Milwaukee, Wisconsin, took place on March 7, 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: 2724 West Clarke Street, Milwaukee, Wisconsin

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

Exterior: 2724 West Clarke Street, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 2724 West Clarke Street, Milwaukee, Wisconsin **Date: 3/7/19**

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	South Wall	Brick	Red	0.0663

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

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

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

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

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

VII. LIMITATIONS

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

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

VIII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

N/A Fluorescent Lights

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

N/A Neon

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

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

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

N/A Old Thermostats

N/A Aquastats

N/A Firestats

N/A Manometers

N/A Thermometers

BOILERS, FURNACES, HEATERS AND TANKS

N/A Mercury Flame Sensors by pilot lights

N/A Manometers, Thermometers, Gauges

N/A Pressure-trol

N/A Float or Level Controls

N/A Space Heaters

ELECTRICAL SYSTEMS

N/A Load Meters and Supply Relays

N/A Phase Splitters

N/A Microwave Relays

N/A Mercury Displacement Relays

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

N/A Transformers

N/A Capacitors (appliances, electronic equipment)

N/A Heat Transfer Equipment

N/A Ballasts

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

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

OTHER ENVIRONMENTAL ISSUES

N/A Hazardous Waste

N/A Oil Tanks

N/A Well Abandonment

N/A Junk Auto Tires

N/A Junk Vehicles

* 2 Gas Meters on Exterior.

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 #: 305012

Received 03/13/19
Analyzed 03/16/19
Reported 03/18/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305012-001	03/08/19	1	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-002	03/08/19	2	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-003	03/08/19	3	Wisconsin		
Layer 1: Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-004	03/08/19	4	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
305012-005	03/08/19	5	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
305012-006	03/08/19	6	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305012-007	03/08/19	7	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
305012-008	03/08/19	8	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
305012-009	03/08/19	9	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	3% ANIMAL HAIR 97% NON FIBROUS MATERIAL
Layer 2: Skim Coat White, Granular				None Detected	100% NON FIBROUS MATERIAL
305012-010	03/08/19	10	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	1% ANIMAL HAIR 99% NON FIBROUS MATERIAL
305012-011	03/08/19	11	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
305012-012	03/08/19	12	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
305012-013	03/08/19	13	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305012-014	03/08/19	14	Wisconsin		
Layer 1: Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
305012-015	03/08/19	15	Wisconsin		
Layer 1: Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	100% NON FIBROUS MATERIAL
305012-016	03/08/19	16	Wisconsin		
Layer 1: Tile Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
305012-017	03/08/19	17	Wisconsin		
Layer 1: Tile Black/Gray, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
305012-018	03/08/19	18	Wisconsin		
Layer 1: Linoleum Gray, Fibrous				20% CHRYSOTILE	35% CELLULOSE FIBER 45% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
305012-019	03/08/19	19	Wisconsin		
Layer 1: Linoleum Beige, Fibrous				None Detected	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 55% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
305012-020	03/08/19	20	Wisconsin		
Layer 1: Linoleum Green, Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
305012-021	03/08/19	21	Wisconsin		
Layer 1: Tile Brown, 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: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305012-022	03/08/19	22	Wisconsin		
Layer 1: Tile Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
305012-023	03/08/19	23	Wisconsin		
Layer 1: Tile Light Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
305012-024	03/08/19	24	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
305012-025	03/08/19	25	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
305012-026	03/08/19	26	Wisconsin		
Layer 1: Tile White/Black, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
305012-027	03/08/19	27	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
305012-028	03/08/19	28	Wisconsin		
Layer 1: Linoleum Tan/Gray, Fibrous				20% CHRYSOTILE	35% CELLULOSE FIBER 45% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
305012-029	03/08/19	29	Wisconsin		
Layer 1: Flue Material Gray, Brittle				None Detected	100% NON FIBROUS MATERIAL
305012-030	03/08/19	30	Wisconsin		
Layer 1: Tile Off White, Brittle/Organically Bound				None Detected	100% NON FIBROUS MATERIAL
305012-031	03/08/19	31	Wisconsin		
Layer 1: Tile Off White, Brittle/Organically Bound				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: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
305012-032	03/08/19	32	Wisconsin			
Layer 1: Tile Off White, Brittle/Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
305012-033	03/08/19	33	Wisconsin			
Layer 1: Tile Light Blue, Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
305012-034	03/08/19	34	Wisconsin			
Layer 1: Tile White/Black, Brittle/Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
305012-035	03/08/19	35	Wisconsin			
Layer 1: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
305012-036	03/08/19	36	Wisconsin			
Layer 1: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
305012-037	03/08/19	37	Wisconsin			
Layer 1: Textured Material White, Granular				None Detected	100%	NON FIBROUS MATERIAL
305012-038	03/08/19	38	Wisconsin			
Layer 1: Tile White/Black, Brittle/Organically Bound				None Detected	100%	NON FIBROUS MATERIAL
305012-039	03/08/19	39	Wisconsin			
Layer 1: Glazing Brown, Granular				None Detected	100%	NON FIBROUS MATERIAL
305012-040	03/08/19	40	Wisconsin			
Layer 1: Glazing Brown/Gray, Granular				None Detected	100%	NON FIBROUS MATERIAL
305012-041	03/08/19	41	Wisconsin			
Layer 1: Glazing 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: 19-400-037.2724

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
305012-042	03/08/19	42	Wisconsin		
Layer 1: Roofing Gray/Black, Bituminous				None Detected	25% MINERAL/GLASS WOOL 75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Roof Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-043	03/08/19	43	Wisconsin		
Layer 1: Roofing Gray/Black, Bituminous				None Detected	25% MINERAL/GLASS WOOL 75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Roof Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-044	03/08/19	44	Wisconsin		
Layer 1: Roofing Gray/Black, Bituminous				None Detected	25% MINERAL/GLASS WOOL 75% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Roof Paper Black, Bituminous/Fibrous				None Detected	45% CELLULOSE FIBER 10% NON FIBROUS MATERIAL 45% SYNTHETIC FIBER
305012-045	03/08/19	45	Wisconsin		
Layer 1: Insulation Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
305012-046	03/08/19	46	Wisconsin		
Layer 1: Insulation Gray, Fibrous				60% CHRYSOTILE	30% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
305012-047	03/08/19	47	Wisconsin		
Layer 1: Insulation Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 58

305012-03/18/19 11:08 AM

Analyst **Elsamani Abdelfadiel**

Reviewed By: **Irma Faszewski**
QAQC Director

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

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305012 X 47
V:\305\305012
vthrasher 3/13/2019 9:38:13 AM
UPS 1Z2E2899846440933

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	19-400-037.2724				
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	3/8/19		Paper						
2									
3									
4			Plaster						
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 3/12/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.2724				
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	3/8/19		Drywall						
12									
13									
14			Tile						
15									
16									
17			Tile						
18			Linoleum						
19			Linoleum						
20			Linoleum						

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 3/12/19 7:00

! 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	19-400-037.2724				
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	3/8/19		Tile						
22			↓						
23			↓						
24			Insulation						
25			↓						
26			Tile						
27			Insulation						
28			Linoleum						
29			Floor Deck						
30	↓		Tile						

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 3/12/19 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	19-400-037.2724				
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	3/8/19		Tile						
32			↓						
33			Tile						
34			Tile						
35			Texture						
36			↓						
37			↓						
38			Tile						
39			Glazing						
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 3/12/19 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	19-400-037.2724				
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	3/8/19		Glazing						
42			Roofing						
43									
44									
45			Insulation						
46									
47									

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 3/12/19 1700

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X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.2724

Order #: 305008

Matrix Paint
Received 03/13/19
Analyzed 03/13/19
Reported 03/13/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
305008-001	P1	Wall	03/08/19	316 mg			
Lead		EPA 7000B / 3050B		209 µg	0.0663 %	663 mg/kg	31.6 mg/kg

Sample contains substrate which may affect the calculation of weight percent and mg/kg.

Analyst: SA
305008-03/13/19 03:54 PM

Reviewed By: **Jennifer Lee**
Metals Supervisor

Federal Lead Paint Statute

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

Minimum reporting limit: 10.0 µg. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
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305008 X 1
V:\305\305008
vthrasher 3/13/2019 9:38:13 AM
UPS 1Z2E2899846440933

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	19-400-037.2724				
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	3/8/19		Wall						

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 3/8/19 1700

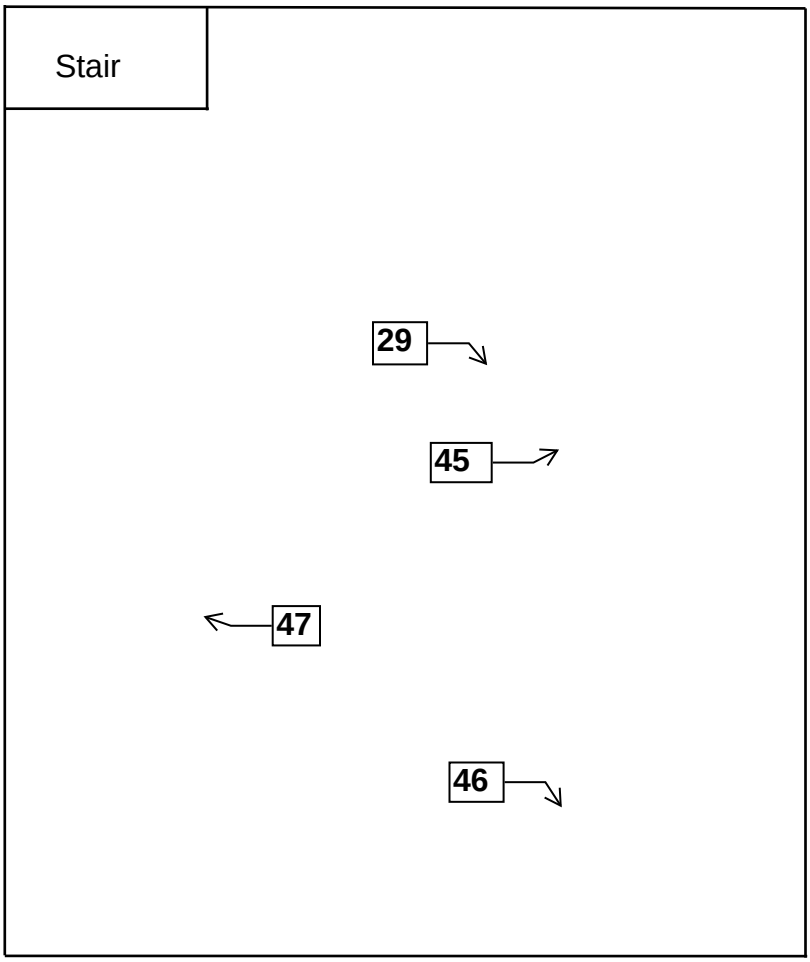
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

One Family Dwelling
2724 West Clarke Street
Milwaukee, Wisconsin

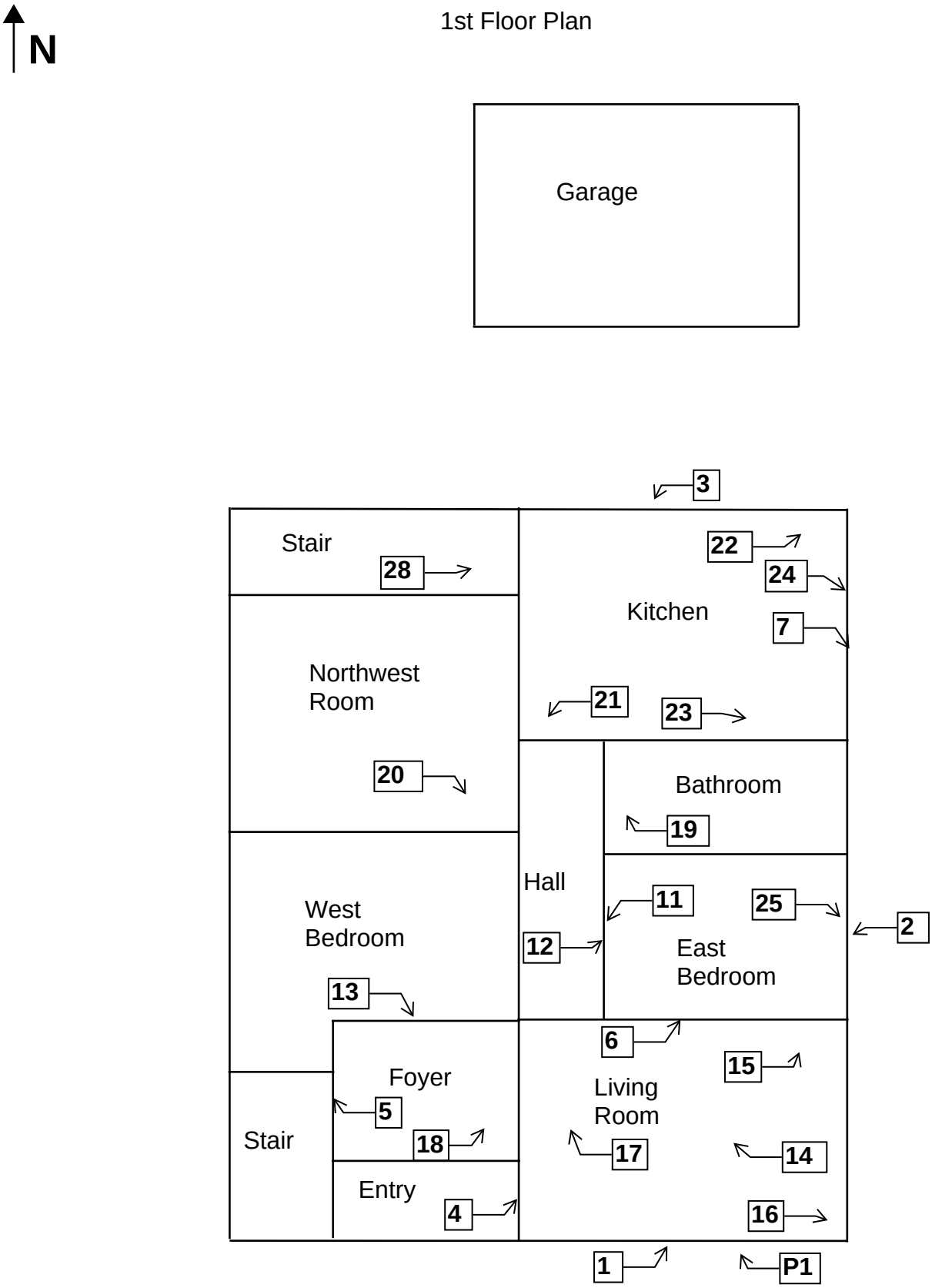
N

Basement Floor Plan



One Family Dwelling
2724 West Clarke Street
Milwaukee, Wisconsin

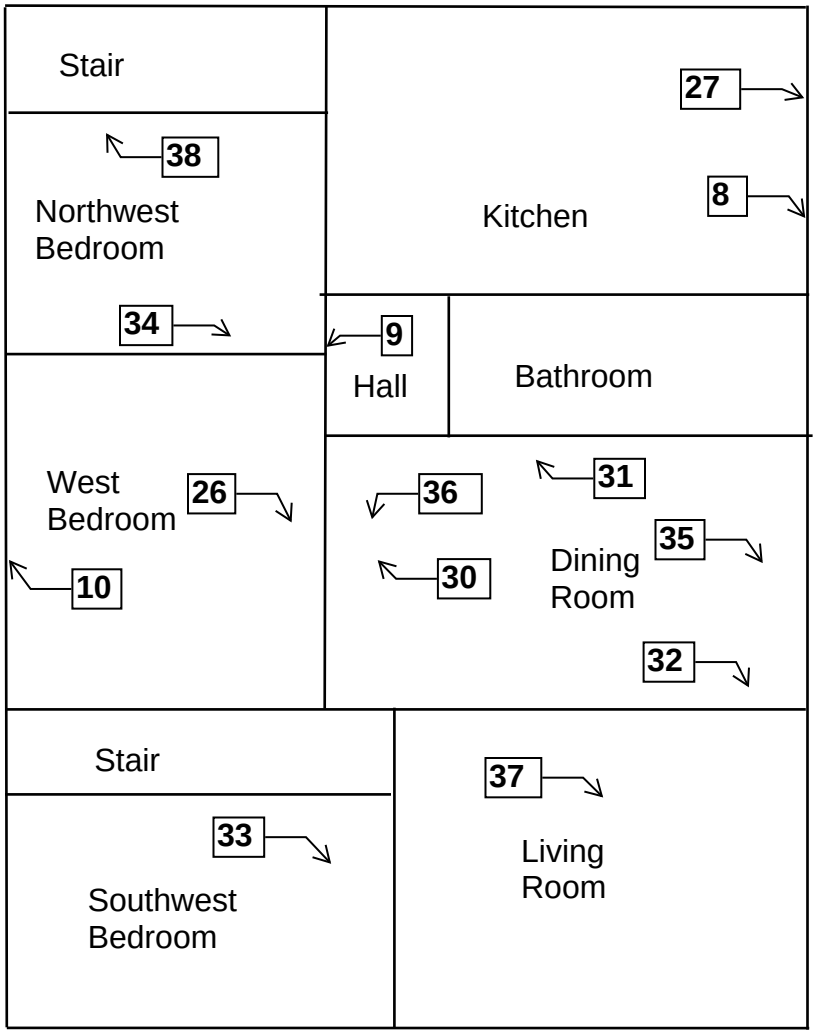
1st Floor Plan



One Family Dwelling
2724 West Clarke Street
Milwaukee, Wisconsin

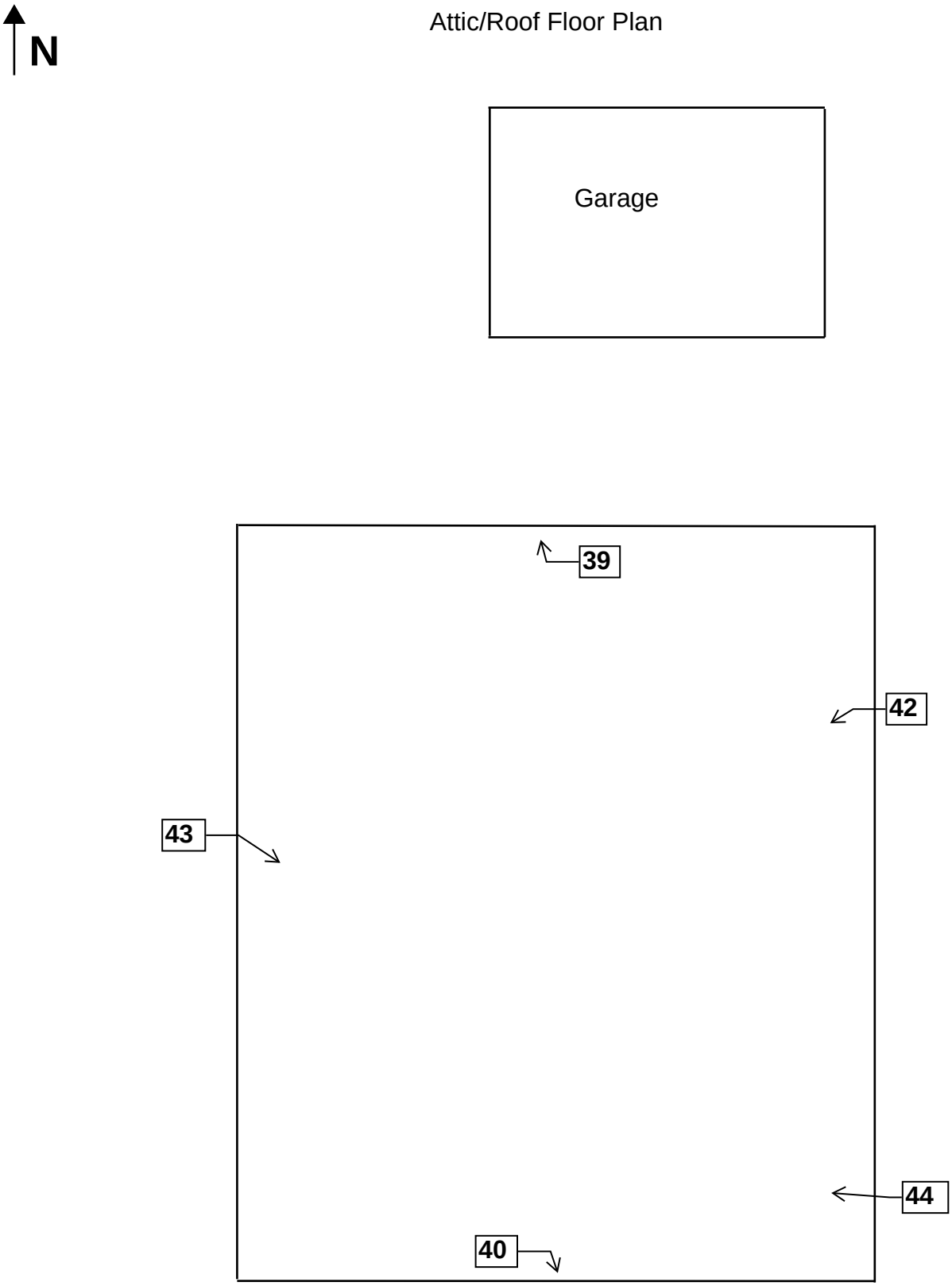
N

2nd Floor Plan



One Family Dwelling
2724 West Clarke 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:

Two Family Dwelling
730 West Greenfield 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.: 19-400-037.730
Inspector: Damian Rogowski
Contract No.: 360-19-0975

Prepared by:

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

March 2018

Signature Page
Deconstruction Inspection Report
Two Family Dwelling
730 West Greenfield Avenue
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: 3/19/19
Harenda Management Group

March 6, 2019

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

RE: Deconstruction Inspection Report
730 West Greenfield Avenue
Milwaukee, WI

Harenda Management Group has completed the deconstruction inspection at 730 West Greenfield 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 730 West Greenfield 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 above 1% in transite siding, living room floor tile, and kitchen and attic linoleum sampled during the inspection. Results are in Section IV of this report.

Lead was detected in paint on the exterior and 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 730 West Greenfield Avenue, Milwaukee, Wisconsin. The dwelling is a two story wood framed structure with basement. The house has vinyl, transite, and wood walls with asphalt roofing.

II. ASEBSTOS INSPECTION

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

On February 27, 2019, HMG conducted an asbestos inspection and lead inspection of a two family dwelling, scheduled for deconstruction, located at 730 West Greenfield Avenue, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300, and the report was written by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of these elements:

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

- Window glazing compound
- Asphalt roofing
- Transite siding
- Paper insulation
- Drywall
- Plaster
- Floor tile
- Linoleum
- Flue packing
- Mastics

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

III. ASEBSTOS LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. ASEBSTOS FINDINGS AND OBSERVATIONS

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

Sample #	Location and Description	Results	Homogeneous Code
1	Exterior – on west window – glazing compound	Negative	MPG
2	Exterior – on south window – glazing compound	Negative	MPG
3	Exterior – on east window – glazing compound	Negative	MPG
4a	Roof – northwest 2nd layer – red and black asphalt shingle	Negative	MRSrk
4b	Roof – northwest top layer – green and white asphalt shingle	Negative	MRSwg
5a	Roof – south 2nd layer – red and black asphalt shingle	Negative	MRSrk
5b	Roof – south top layer – green and white asphalt shingle	Negative	MRSwg
6a	Roof – southeast 2nd layer – red and black asphalt shingle	Negative	MRSrk
6b	Roof – southeast top layer – green and white asphalt shingle	Negative	MRSwg
7	**Exterior – southwest wall under vinyl siding – transite siding**	**Positive 15% Chrysotile**	**MTP**
8	**Exterior – southeast wall under vinyl siding – transite siding**	**Positive 15% Chrysotile**	**MTP**
9	**Exterior – northeast wall under vinyl siding – transite siding**	**Positive 15% Chrysotile**	**MTP**
10	Exterior – southwest wall under transite siding – black paper insulation	Negative	MPIk

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – southeast wall under transite siding – black paper insulation	Negative	MPIk
12	Exterior – northeast wall under transite siding – black paper insulation	Negative	MPIk
13	Exterior – southwest wall under black paper insulation – drywall	Negative	MDW
14	Exterior – southeast wall under black paper insulation – drywall	Negative	MDW
15	Exterior – northeast wall under black paper insulation – drywall	Negative	MDW
16	1st floor – living room – ceiling – plaster	Negative	SPl
17	1st floor – kitchen – ceiling – plaster	Negative	SPl
18	Attic – stair – west wall – plaster	Negative	SPl
19	**1st floor – living room west side – 12" tan floor tile**	**Positive 3% Chrysotile**	**MF12t**
20	**1st floor – kitchen west side – yellow linoleum**	**Positive 20% Chrysotile**	**MFLl**
21	1st floor – kitchen west side – 12" tan and brown floor tile	Negative	MF12tn
22	1st floor – kitchen - west wall – drywall #2	Negative	MDW2
23	1st floor – bedroom – on east wall chimney – flue packing	Negative	TFP
24	**Attic – north side – yellow and orange linoleum**	**Positive 20% Chrysotile**	**MFLlo**
25	Attic – north side – green linoleum	Negative	MFLg

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

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls Under Transite Siding Basement on Floor	1,500 SF 50 SF	Good
12" Tan Floor Tile	MF12t	1st Floor Living Room West Floor	25 SF	Fair
Yellow Linoleum	MFLl	1st Floor Kitchen West Side	25 SF	Fair
Yellow & Orange Linoleum	MFLlo	Attic North Side	20 SF	Fair

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.

Homogeneous Material Codes

SPl	Plaster
MPG	Glazing Compound
MRSrk	Red & Black Asphalt Shingle

Homogeneous Material Codes

MRSgw	Green & White Asphalt Shingle
MTP	Transite Siding
MPIk	Black Paper Insulation
MDW	Drywall Exterior
MDW2	Drywall Interior
MF12t	12" Tan Floor Tile
MF12tn	12" Tan & Brown Floor Tile
MFLl	Yellow Linoleum
MFLlo	Yellow & Orange Linoleum
MFLg	Green Linoleum
TFP	Flue Packing

V. LEAD PAINT INSPECTION

A. Methods

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

The inspection and sampling at 730 West Greenfield Avenue, Milwaukee, Wisconsin, took place on February 27, 2019. A room by room inspection was conducted of masonry surfaces (block, brick, or concrete) scheduled for deconstruction, noting the location, substrate, and color of these painted surfaces. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

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

B. Component Testing Results

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

Interior: 730 West Greenfield Avenue, Milwaukee, Wisconsin

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

Exterior: 730 West Greenfield Avenue, Milwaukee, Wisconsin

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

The following are the laboratory results.

Site: 730 West Greenfield Avenue, Milwaukee, Wisconsin Date: 2/27/19

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	Southwest Wall	Block	White	0.0384
P02	Basement	West Wall	Block	Green	0.0183

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 – 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 #: 303416

Received 03/04/19
Analyzed 03/07/19
Reported 03/07/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.730

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
303416-001	02/27/19	1	Wisconsin		
Layer 1: Glazing Green/Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-002	02/27/19	2	Wisconsin		
Layer 1: Glazing Green/Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-003	02/27/19	3	Wisconsin		
Layer 1: Glazing Green/Tan, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-004	02/27/19	4	Wisconsin		
Layer 1: Shingle Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle Green/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
303416-005	02/27/19	5	Wisconsin		
Layer 1: Shingle Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle Green/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% 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: 19-400-037.730

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
303416-006	02/27/19	6	Wisconsin		
Layer 1: Shingle Red/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Shingle Green/Black, Bituminous				None Detected	15% CELLULOSE FIBER 75% NON FIBROUS MATERIAL 10% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
303416-007	02/27/19	7	Wisconsin		
Layer 1: Siding Gray, Hard				15% CHRYSOTILE	85% NON FIBROUS MATERIAL
303416-008	02/27/19	8	Wisconsin		
Layer 1: Siding Gray, Hard				15% CHRYSOTILE	85% NON FIBROUS MATERIAL
303416-009	02/27/19	9	Wisconsin		
Layer 1: Siding Gray, Hard				15% CHRYSOTILE	85% NON FIBROUS MATERIAL
303416-010	02/27/19	10	Wisconsin		
Layer 1: Paper Gray/Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
303416-011	02/27/19	11	Wisconsin		
Layer 1: Paper Gray, Fibrous				None Detected	45% CELLULOSE FIBER 15% NON FIBROUS MATERIAL 40% SYNTHETIC FIBER
303416-012	02/27/19	12	Wisconsin		
Layer 1: Paper Black/Gray, Fibrous				None Detected	45% CELLULOSE FIBER 15% NON FIBROUS MATERIAL 40% SYNTHETIC FIBER
303416-013	02/27/19	13	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
303416-014	02/27/19	14	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL

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

Project:
Location: Wisconsin
Number: 19-400-037.730

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
303416-015	02/27/19	15	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
303416-016	02/27/19	16	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-017	02/27/19	17	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-018	02/27/19	18	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	1% ANIMAL HAIR 99% NON FIBROUS MATERIAL
303416-019	02/27/19	19	Wisconsin		
Layer 1: Tile Green, Organically Bound				3% CHRYSOTILE	97% NON FIBROUS MATERIAL
303416-020	02/27/19	20	Wisconsin		
Layer 1: Linoleum Green, Fibrous				20% CHRYSOTILE	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
303416-021	02/27/19	21	Wisconsin		
Layer 1: Tile Tan, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
303416-022	02/27/19	22	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
303416-023	02/27/19	23	Wisconsin		
Layer 1: Flue Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
303416-024	02/27/19	24	Wisconsin		
Layer 1: Linoleum Tan/Green, Fibrous				20% CHRYSOTILE	25% CELLULOSE FIBER 55% 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: 19-400-037.730

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
303416-025	02/27/19	25	Wisconsin		
Layer 1: Linoleum				None Detected	25% CELLULOSE FIBER
Green, Fibrous					55% NON FIBROUS MATERIAL
					20% SYNTHETIC FIBER

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

EPA Regulatory Limit: 1%

Total layers analyzed on order: 28

303416-03/07/19 05:44 PM

Analyst **Elsamani Abdelfadiel**

Reviewed By: **Mohammed Hashim**
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.

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

303416 X 25
V:\303\303416
fghraizi 3/4/2019 9:3 0:09 AM
UPS 1Z2E2899846 2528900

Submitting Co.	Harenda Management Group	State of Collection	WI	Required	
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	19-400-037.730				
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	2/27/19		Glazing						
2									
3									
4			Shingle						
5									
6									
7			Siding						
8									
9									
10			Paper						

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 3/1/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
Project Name		PO #			
Project Location	Wisconsin	Special Instructions:			
Project Number	19-400-037.730				
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	2/27/19		Paper						
12			↓						
13			Drywall						
14			↓						
15			↓						
16			Plaster						
17			↓						
18			↓						
19			Tile						
20			Linoleum						

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 3/1/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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

Submitting Co.	Harenda Management Group	State of Collection	WI	Cert. Required	☐ YES ☐ NO
1237 West Bruce Street		Acct #	5065	Phone	(414) 647-1530
Milwaukee, WI 53204		Email	dean.jacobsen@kphenvironmenmtal.com		
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Please schedule rush tests in advance	☐ TSP / PM10				
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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	2/27/19		Tile						
22	↓		Drywall						
23			Flue Pack						
24			Linoleum						
25			Linoleum						

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 3/1/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

X. LEAD LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

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

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

Attn:

Project:
Location: Wisconsin
Number: 19-400-037.730

Order #: 303408

Matrix Paint
Received 03/04/19
Analyzed 03/04/19
Reported 03/05/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
303408-001	P01	Exterior	02/27/19	340 mg			
Lead		EPA 7000B / 3050B		131 µg	0.0384 %	384 mg/kg	29.4 mg/kg
303408-002	P02	Basement	02/27/19	321 mg			
Lead		EPA 7000B / 3050B		58.6 µg	0.0183 %	183 mg/kg	31.2 mg/kg

Analyst: JL
303408-03/05/19 01:49 PM

Reviewed By: **Derek Jackson**
Analyst

Federal Lead Paint Statute

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

Minimum reporting limit: 10.0 µg. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

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www.slabinc.com • info@slabinc.com

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fghraizi 3/4/2019 9:3 0:09 AM
UPS 1Z2E2899846 2528900

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 #			
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Project Number	19-400-037.730				
Collected By					

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☐ 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
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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]
P01	2/27/19		Exterior						
P02	↓		Basement						

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]

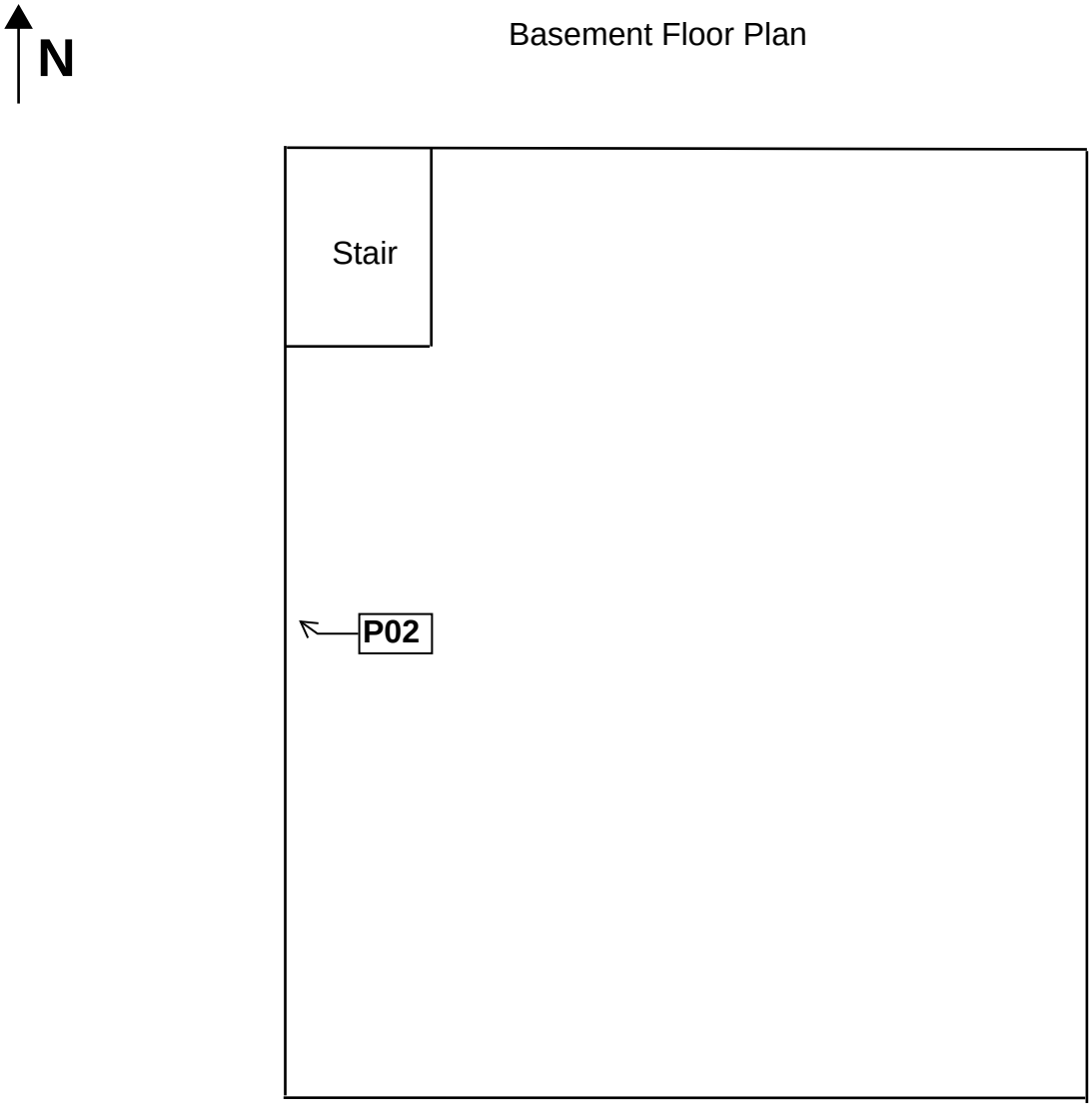
Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 3/1/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

XI. FLOOR PLANS

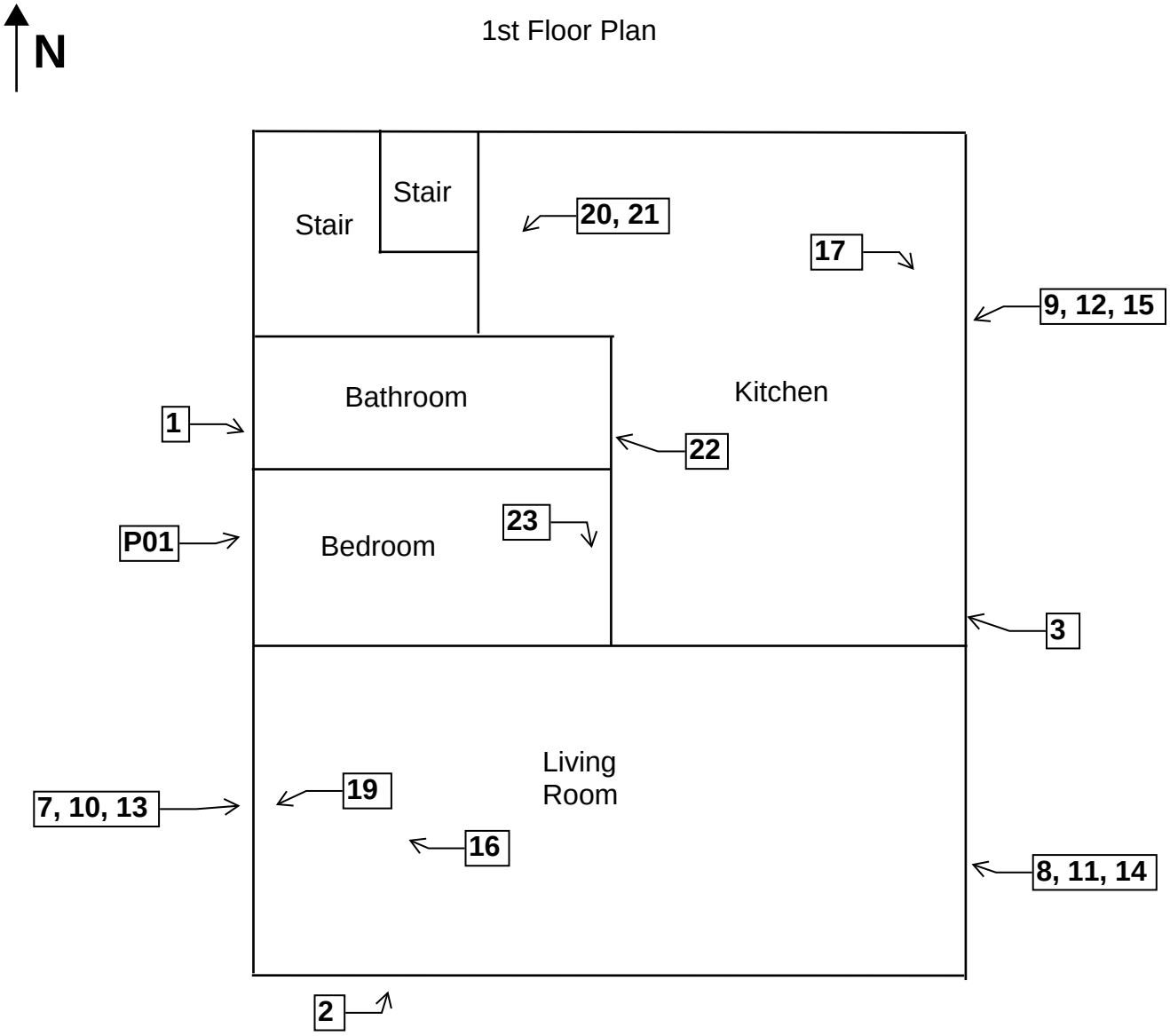
Two Family Dwelling
730 West Greenfield Avenue
Milwaukee, Wisconsin

Basement Floor Plan



Two Family Dwelling
730 West Greenfield Avenue
Milwaukee, Wisconsin

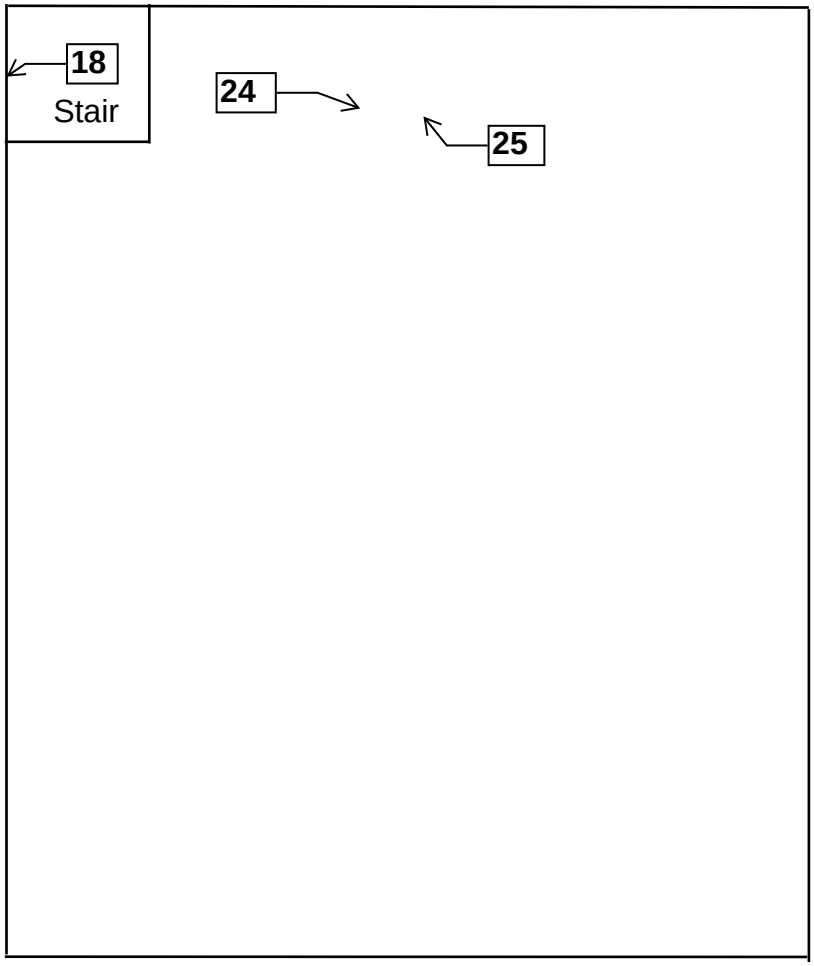
1st Floor Plan



Two Family Dwelling
730 West Greenfield Avenue
Milwaukee, Wisconsin

N

Attic/Roof Floor Plan



XII. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

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

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

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

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

February 1, 2018

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

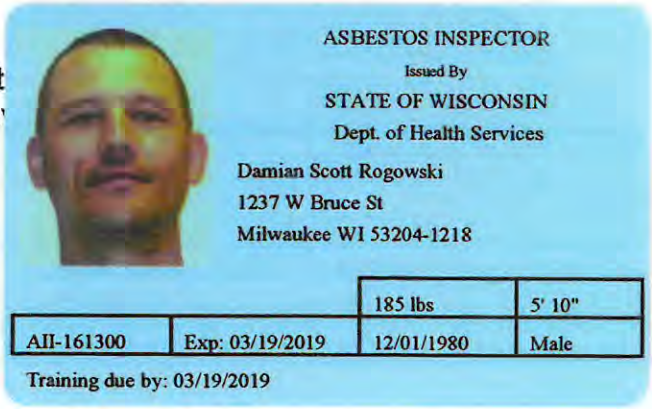
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



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