OFFICIAL NOTICE

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

INVITATION FOR BIDS FOR DEMOLITION PROJECT

THE COMMISSIONER OF THE DEPARTMENT OF NEIGHBORHOOD SERVICES OF THE CITY OF MILWAUKEE ("Commissioner"), Milwaukee, Wisconsin, acting pursuant to Section 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 demolition of two (2) primary buildings located in the City of Milwaukee, Wisconsin, until 9:00 a.m. (central time) on THURSDAY, JUNE 11, 2015, 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 most qualified, responsive, and responsible bidder on a lump sum 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 All bids shall be held open for a period of sixty (60) days subsequent to the opening of bids and no bid may be withdrawn without the written consent of the Commissioner.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) per changes in State Statute 66.0903 (5) (a) effective July 1, 2011, not less than the prevailing wage rates as set forth in the Contract Documents must be paid on the performance of this work; (b) the successful bidder will not discriminate against any qualified employee or qualified applicant for employment because of sex, race, religion, color, national origin or ancestry, age, disability, lawful source of income, marital status, sexual orientation, gender identity or expression, past or present membership in the military service, familial status, or based upon affiliation with, or perceived affiliation with any of these categories as provided by Section 109-9 of the Milwaukee Code of Ordinances. This provision must be included in all subcontracts. (c) 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.; (d) 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.

The 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 414-286-5553. More information can be found at www.milwaukee.gov/osbd .**

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

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.

DEPARTMENT OF NEIGHBORHOOD SERVICES
OF THE CITY OF MILWAUKEE
841 NORTH BROADWAY
MILWAUKEE WI 53202-3650
June 3 & June 4, 2015

BID DOCUMENTS

FOR

DEMOLITION PROJECT

OPENING THURSDAY, JUNE 11, 2015

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 LOCATION AND DESCRIPTION OF STRUCTURES FOR DEMOLITION PROJECT OPENING THURSDAY, JUNE 11, 2015

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 — 2100 West North Avenue – 1-story masonry commercial building
a/k/a 2242 West North Avenue

Remove commercial building, retaining wall under fencing, fences on north and west sides, and sidewalks. Fencing at alley is to remain. 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. PLEASE NOTE THAT THE INSPECTOR FROM HMG WAS UNABLE TO GAIN ACCESS TO ALL AREAS OF THE BUILDING. ON-SITE MONITORING BY A CERTIFIED ASBESTOS SPECIALIST WILL BE REQUIRED DURING DEMOLITION. THIS COST SHOULD BE INCLUDED IN THE BID PRICE. A copy of the lead based paint inspection report prepared by Harenda Management Group is included with the bid specifications.**
(13 days to complete)

Parcel 2 – 2228 West North Avenue – 1-story masonry and reinforced concrete commercial building

Remove remainder of commercial building, driveways at alley and sidewalks. Contractor shall be responsible for removal of all tree stumps on this parcel as part of the demolition. Prior to demolition, the contractor must meet at the site with the Condemnation Inspector to provide a demolition plan. Contractor must also notify neighbors on the block face of the demolition that demolition activity is about to begin. This notification shall be done via a department-approved letter or door knocker. The inspection report from Harenda Management Group is included. **ASBESTOS-CONTAINING MATERIALS LISTED IN THE REPORT FROM HMG HAVE BEEN ABATED EXCEPT THE ASSUMED CATEGORY I NON-FRIABLE BUILT UP ROOFING AND FLASHING. A copy of the lead based paint inspection report prepared by Harenda Management Group is included with the bid specifications.**
(15 days to complete)

Parcels are privately owned.

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 BUILDINGS 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 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.

*****NOTE: SUCCESSFUL BIDDER AND THEIR SUBCONTRACTORS WILL BE REQUIRED TO PAY PREVAILING WAGE RATES TO ANY EMPLOYEES PERFORMING WORK UNDER THIS CONTRACT. PRIME CONTRACTOR AND ALL SUBCONTRACTORS WILL BE REQUIRED TO COMPLETE AN AFFIDAVIT OF COMPLIANCE (SAMPLE COPY ATTACHED) AND CONTRACTORS TIME REPORT PRIOR TO INVOICING FOR COMPLETED WORK. THE PAYMENT OF PREVAILING WAGES FOR THIS CONTRACT SUPERSEDES SECTION 4.2.3 LIVING WAGE REQUIREMENTS.**

5.7.0. LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED.
(SEE ATTACHED)

DEPARTMENT OF NEIGHBORHOOD SERVICES DEMOLITION PROJECTS

FORMAL BIDS

The complete Bid Documents shall include three 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.

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 two (2) primary buildings located in the City of Milwaukee, for Demolition Project opening June 11, 2015 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	

DEMOLITION PROJECT OPENING 6-11-15
LOCATION AND DESCRIPTION OF BUILDINGS TO BE DEMOLISHED

Parcel Number	Address	Stories	Construc.	Occupancy	Families	Owner	Cubic Footage
1	2100 West North Avenue a/k/a 2242 West North Avenue	1	masonry	commercial	-	PRIV	71,188
2	2228 West North Avenue	1	masonry	commercial	-	PRIV	87,500

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.

Dept. of Neighborhood Services
City of Milwaukee
Bid Opening 6-11-15

PRICE BREAKDOWN

NO.	PARCEL ADDRESS	ASBESTOS ABATEMENT	DEMOLITION	TOTAL
1	2100 West North Avenue a/k/a 2242 West North Avenue			
2	2228 West North Avenue			

Created: 7/15/09
Revised 2/10

City of Milwaukee
Department of Public Works
Local Business Enterprise Provisions

I. General:

A. In accordance with Chapter 365 of the Milwaukee Code of Ordinances, the application of a Local Business Enterprise (LBE) program is required in all contracting activities of the Department of Public Works, unless contrary to federal, state or local law or regulation. To this end, the Commissioner of Public Works, as a contracting officer of the City, will apply an award standard in all bids so that an otherwise responsive and responsible bidder which is a Local Business Enterprise shall be awarded the contract, provided that its bid does not exceed the lowest bid by more than 5%.

B. Bidders seeking the Local Business Enterprise preference shall prepare and submit with the bid an accurate affidavit certifying their LBE status. Failure to do so may result in an LBE forfeiting their rights to be considered for the program.

C. Sanctions – If any document submitted to the city by a contractor under this chapter for the purpose of participating in any city contract contains false, misleading or fraudulent information, the Commissioner of Public Works, may direct the imposition of any of the following sanctions on the offending contractor:

1. Withholding of payment.

2. Termination, suspension or cancellation of the contract in whole or in part.

3. Denial to participate in any further contracts awarded by the City.

D. Penalty – Any person, firm or corporation knowingly engaging in fraud, misrepresentation or in any attempt, direct or indirect, to evade the provisions of this chapter by providing false, misleading or fraudulent information shall, upon conviction, forfeit not less than $2,000 nor more than $5,000 together with the costs of prosecution.

E. Right to Appeal – All contracts awarded under ss. 7-14-2 and 7-22 of the City Charter shall be awarded by the Commissioner of Public Works to the lowest responsible bidder determined in accordance with any applicable City Ordinances relating to the participation of Local Business Enterprises. Following the opening of any bid where the Commissioner has considered compliance with such City Ordinances, the Commissioner shall publish in an official City newspaper his or her determination as to the lowest responsible bidder. Any bidder who objects to the determination based on the consideration of such City Ordinances, may appeal the recommendation by filing a written appeal with the Commissioner within five (5) working days of the date of publication. The appeal shall state the specific objection to the determination, including supporting documentation, and specify an alternative determination. Any appeals that do not conform to this section shall not be considered. The Commissioner shall schedule a hearing before the Public Works Contract Appeals Committee which shall be comprised of the chair of the Economic Development Committee or his or her designee, and a member of the Economic Development Committee selected by the chair and the Director of Administration or his or her designee to be held within five days of receipt of the appeal. The Public Works Contract Appeals Committee shall have the authority by majority vote to affirm or set aside the determination of the Commissioner and their decision in this regard shall be final. In the event that a timely appeal meeting the requirements of this paragraph is not filed, or the Committee affirms the commissioner's determination following a timely appeal, the Commissioner shall make an award in accordance with his or her determination.

II. Definitions:

A. Local Business Enterprise means a business which satisfies all of the following criteria:

1. Owns or leases property within the geographical boundaries of the City of Milwaukee. Post office boxes shall not suffice to establish status as a Local Business Enterprise.

2. A residential address may qualify, but only if the business does not own or lease other real property, either within or outside the geographical boundaries of the City of Milwaukee.

3. Leased property may qualify but only if at least half of the acreage of all the real property owned or leased by the business is located within the geographical boundaries of the City of Milwaukee.

4. Has been doing business in the City of Milwaukee for at least one (1) year.

5. Is not delinquent in the payment of any local taxes, charges or fees, or the business has entered into an agreement to pay any delinquency and is abiding by the terms of the agreement.

6. Will perform at least 10% of the monetary value of the work required under the contract.

III. Local Business Enterprise requirement:

A. Department of Public Works shall, unless contrary to federal, state or local law or regulation, apply an award standard in all bids so that an otherwise responsive and responsible bidder which is a Local Business Enterprise shall be awarded the contract, provided that its bid does not exceed the lowest bid by more than 5%.

B. If the bids of two or more Local Business Enterprises do not exceed the lowest bid by more than 5%, the contract shall be awarded to the Local Business Enterprise that submitted a bid that exceeded the lowest bid by the smallest amount.

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

D. If two bids submitted by two Local Business Enterprises are identical, the winner will be determined in accordance with the process for tie-breakers as established by the city purchasing director.

E. If the difference between the low bidder's amount and the lowest Local Business Enterprise amount is within 5% of the low bidder and exceeds $25,000, then the provisions in section III-A shall not apply.

F. Paragraph III-A shall only be applied to the "base bid".

Revised December 17, 2009
Revised February, 2010

City of Milwaukee

DEPARTMENT OF NEIGHBORHOOD SERVICES
CONTRACT DIVISION

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
AFFIDAVIT OF COMPLIANCE

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

Bid/RFP #: _____

Company Name: _____

Address: _____

City, State, Zip _____

This affidavit of compliance will be the contractor's sworn statement that the business meets the following criteria:

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

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

If applicable, initial here _____ if criteria in #3 above is satisfied.
Initial

(continued on next page)

Revised December 17, 2009
Revised February, 2010

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

Authorized Signature: _____

Printed Name: _____

Date: _____

NOTARIZATION

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

NOTARY PUBLIC SIGNATURE: _____
(SEAL)

PRINT NAME: _____
My commission expires: _____

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

Revised December 17, 2009
Revised February, 2010

City of Milwaukee

DEPARTMENT OF NEIGHBORHOOD SERVICES
CONTRACT DIVISION

LOCAL BUSINESS ENTERPRISE (LBE) PROGRAM
BUSINESS PROPERTY LOCATION FORM

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

Bid / RFP # _____

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

Name:	
Address:	
City, State, Zip	

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

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 $_____

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

TOTAL LUM SUM BID _____ Dollars $_____

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 6-11-15
DEMOLITION OF 2 PRIMARY BUILDINGS

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

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

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

In presence of:

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

_____

_____(SEAL)
(Individual Principal)

_____
(Business Address)

Attest:

_____

_____(SEAL)
(Corporate Principal)

_____

_____
(Business Address)

By_____ affix corporate seal

_____

_____

Attest:

_____ _____

_____
(Corporate Surety)

Countersigned

by_____
Attorney-in-Fact

By_____ affix corporate Seal

State of _____

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

FORM B (3/13)

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

BIDS DUE: 6-11-15

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: _____

PREVAILING WAGE RATE DETERMINATION
Issued by the State of Wisconsin
Department of Workforce Development
Pursuant to s. 66.0903, Wis. Stats.
Issued On: 01/07/2015
Last Amended On: 01/29/2015

DETERMINATION NUMBER:	201500024
EXPIRATION DATE:	Prime Contracts MUST Be Awarded or Negotiated On Or Before 12/31/2015. If NOT, You MUST Reapply.
PROJECT NAME:	ALL PUBLIC WORKS PROJECTS UNDER SEC. 66.0903, STATS-CITY OF MILWAUKEE
PROJECT LOCATION:	MILWAUKEE CITY, MILWAUKEE COUNTY, WI
CONTRACTING AGENCY:	CITY OF MILWAUKEE-DEPT OF PUBLIC WORKS

CLASSIFICATION:	Contractors are responsible for correctly classifying their workers. Either call the Department of Workforce Development (DWD) with trade or classification questions or consult DWD's Dictionary of Occupational Classifications & Work Descriptions on the DWD website at: dwd.wisconsin.gov/er/prevailing_wage_rate/Dictionary/dictionary_main.htm.
OVERTIME:	Time and one-half must be paid for all hours worked: - over 10 hours per day on prevailing wage projects - over 40 hours per calendar week - Saturday and Sunday - on all of the following holidays: January 1; the last Monday in May; July 4; the 1st Monday in September; the 4th Thursday in November; December 25; - The day before if January 1, July 4 or December 25 falls on a Saturday; - The day following if January 1, July 4 or December 25 falls on a Sunday. Apply the time and one-half overtime calculation to whichever is higher between the Hourly Basic Rate listed on this project determination or the employee's regular hourly rate of pay. Add any applicable Premium or DOT Premium to the Hourly Basic Rate before calculating overtime. A DOT Premium (discussed below) may supersede this time and one-half requirement.
FUTURE INCREASE:	When a specific trade or occupation requires a future increase, you MUST add the full hourly increase to the "TOTAL" on the effective date(s) indicated for the specific trade or occupation.
PREMIUM PAY:	If indicated for a specific trade or occupation, the full amount of such pay MUST be added to the "HOURLY BASIC RATE OF PAY" indicated for such trade or occupation, whevenever such pay is applicable.
DOT PREMIUM:	This premium only applies to highway and bridge projects owned by the Wisconsin Department of Transportation and to the project type heading "Airport Pavement or State Highway Construction." DO NOT apply the premium calculation under any other project type on this determination.
APPRENTICES:	Pay apprentices a percentage of the applicable journeyperson's hourly basic rate of pay and hourly fringe benefit contributions specified in this determination. Obtain the appropriate percentage from each apprentice's contract or indenture.
SUBJOURNEY:	Subjourney wage rates may be available for some of the trades or occupations indicated below with the exception of laborers, truck drivers and heavy equipment operators. Any employer interested in using a subjourney classification on this project MUST complete Form ERD-10880 and request the applicable wage rate from the Department of Workforce Development PRIOR to using the subjourney worker on this project.

This document **MUST BE POSTED** by the **CONTRACTING AGENCY** in at least one conspicuous and easily accessible place **on the site of the project** . A local governmental unit may post this document at the place normally used to post public notices if there is no common site on the project. This document **MUST** remain posted during the entire time any worker is employed on the project and **MUST** be physically incorporated into the specifications and all contracts and subcontracts. If you have any questions, please write to the Equal Rights Division, Labor Standards Bureau, P.O. Box 8928, Madison, Wisconsin 53708 or call (608) 266-6861.

The following statutory provisions apply to local governmental unit projects of public works and are set forth below pursuant to the requirements of s. 66.0903(8), Stats.

s. 66.0903 (1) (f) & s. 103.49 (1) (c) "PREVAILING HOURS OF LABOR" for any trade or occupation in any area means 10 hours per day and 40 hours per week and may not include any hours worked on a Saturday or Sunday or on any of the following holidays:

1. January 1.
2. The last Monday in May.
3. July 4.
4. The first Monday in September.
5. The 4th Thursday in November.
6. December 25.
7. The day before if January 1, July 4 or December 25 falls on a Saturday.
8. The day following if January 1, July 4 or December 25 falls on a Sunday.

s. 66.0903 (10) RECORDS; INSPECTION; ENFORCEMENT.
(a) Each contractor, subcontractor, or contractor's or subcontractor's agent performing work on a project of public works that is subject to this section shall keep full and accurate records clearly indicating the name and trade or occupation of every person performing the work described in sub. (4) and an accurate record of the number of hours worked by each of those persons and the actual wages paid for the hours worked.

s. 66.0903 (11) LIABILITY AND PENALTIES.
(a) 1. Any contractor, subcontractor, or contractor's or subcontractor's agent who fails to pay the prevailing wage rate determined by the department under sub. (3) or who pays less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor is liable to any affected employee in the amount of his or her unpaid wages or his or her unpaid overtime compensation and in an additional amount as liquidated damages as provided under subd. 2., 3., whichever is applicable.
2. If the department determines upon inspection under sub. (10) (b) or (c) that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the department shall order the contractor to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages within a period specified by the department in the order.
3. In addition to or in lieu of recovering the liability specified in subd. 1. as provided in subd. 2., any employee for and in behalf of that employee and other employees similarly situated may commence an action to recover that liability in any court of competent jurisdiction. If the court finds that a contractor, subcontractor, or contractor's or subcontractor's agent has failed to pay the prevailing wage rate determined by the department under sub. (3) or has paid less than 1.5 times the hourly basic rate of pay for all hours worked in excess of the prevailing hours of labor, the court shall order the contractor, subcontractor, or agent to pay to any affected employee the amount of his or her unpaid wages or his or her unpaid overtime compensation and an additional amount equal to 100 percent of the amount of those unpaid wages or that unpaid overtime compensation as liquidated damages.
5. No employee may be a party plaintiff to an action under subd. 3. unless the employee consents in writing to become a party and the consent is filed in the court in which the action is brought. Notwithstanding s. 814.04 (1), the court shall, in addition to any judgment awarded to the plaintiff, allow reasonable attorney fees and costs to be paid by the defendant.

BUILDING OR HEAVY CONSTRUCTION

Includes sheltered enclosures with walk-in access for the purpose of housing persons, employees, machinery, equipment or supplies and non-sheltered work such as canals, dams, dikes, reservoirs, storage tanks, etc. A sheltered enclosure need not be "habitable" in order to be considered a building. The installation of machinery and/or equipment, both above and below grade level, does not change a project's character as a building. On-site grading, utility work and landscaping are included within this definition. Residential buildings of four (4) stories or less, agricultural buildings, parking lots and driveways are NOT included within this definition.

SKILLED TRADES

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
101	Acoustic Ceiling Tile Installer Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
102	Boilermaker Future Increase(s): Add $1.50/hr. on 01/01/2016	33.35	28.24	61.59
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add $1.35on 06/01/2015; Add $1.45 on 06/06/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	35.89	18.64	54.53
104	Cabinet Installer Future Increase(s): Add $1.42/hr on 6/1/2015; Add $1.42/hr on 6/1/2016.	32.72	16.00	48.72
105	Carpenter Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
106	Carpet Layer or Soft Floor Coverer	33.68	19.98	53.66
107	Cement Finisher Future Increase(s): Add $1.30 on 06/01/2015; Add $1.40 on 06/06/2016	32.09	19.21	51.30
108	Drywall Taper or Finisher Future Increase(s): Add $.90/hr eff. 06/01/2015; Add $1.00/hr eff. 06/01/2016; Add $1.05/hr eff. 06/01/2017	29.97	20.74	50.71

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.93	22.77	56.70
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	23.73	19.09	42.82
112	Fire Sprinkler Fitter	39.10	19.94	59.04
113	Glazier Future Increase(s): Add $.75/hr eff. 06/01/2015; Add $.90/hr eff. 06/01/2016	34.19	18.50	52.69
114	Heat or Frost Insulator	33.43	25.81	59.24
115	Insulator (Batt or Blown) Future Increase(s): Add $1.42/hr on 6/1/2015; Add $1.42/hr on 6/1/2016.	32.72	16.00	48.72
116	Ironworker Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	30.77	23.97	54.74
117	Lather	33.68	19.81	53.49
118	Line Constructor (Electrical)	37.43	18.19	55.62
119	Marble Finisher	20.00	0.52	20.52
120	Marble Mason	35.37	17.99	53.36
121	Metal Building Erector	22.05	8.08	30.13
122	Millwright	28.53	25.19	53.72
123	Overhead Door Installer	20.00	6.10	26.10
124	Painter Future Increase(s): Add $.90/hr on 06/01/2015; Add $1.00/hr on 06/01/2016; Add $1.05/hr on 06/01/2017 Premium Increase(s): Add $.20/hr for paperhanging; Add $.35/hr for bridge, iron and drywall; Add $.75/hr for spraying and sandblasting; Add $.60/hr for EIFS work; Add $1.00/hr for lead based paint removal.	29.62	20.74	50.36
125	Pavement Marking Operator	30.10	18.08	48.18

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
126	Piledriver Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.60/hr on 6/1/2016. Premium Increase(s): Add $.65/hr for Piledriver Loftsman; Add $.75/hr for Sheet Piling Loftsman. DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	30.11	26.51	56.62
127	Pipeline Fuser or Welder (Gas or Utility)	31.88	20.89	52.77
129	Plasterer Premium Increase(s): Add $.40/hr for swing stage work.	31.21	19.93	51.14
130	Plumber	38.37	19.55	57.92
132	Refrigeration Mechanic Future Increase(s): Add $1.70 on 6/1/15	41.01	21.54	62.55
133	Roofer or Waterproofer Future Increase(s): Add $1.25/hr eff. 06/01/2015; Add $1.25/hr eff. 06/01/2016	29.65	18.15	47.80
134	Sheet Metal Worker	36.94	20.22	57.16
135	Steamfitter	41.01	21.54	62.55
137	Teledata Technician or Installer Future Increase(s): Add $.86/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.63	17.25	42.88
138	Temperature Control Installer	39.76	21.09	60.85
139	Terrazzo Finisher	20.00	0.52	20.52
140	Terrazzo Mechanic	31.18	17.35	48.53
141	Tile Finisher Future Increase(s): Add $.20/hr on 1/ 5/2015	24.24	17.54	41.78
142	Tile Setter	30.38	17.33	47.71
143	Tuckpointer, Caulker or Cleaner Future Increase(s): Add $1.35on 06/01/2015; Add $1.45 on 06/01/2016 Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.28	18.48	52.76

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
146	Well Driller or Pump Installer	25.32	15.65	40.97
147	Siding Installer	36.17	19.44	55.61
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	30.16	15.11	45.27
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.71	47.31
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	14.49	42.14
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.83	15.01	42.84
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	24.00	11.57	35.57

TRUCK DRIVERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
201	Single Axle or Two Axle	34.07	18.10	52.17
203	Three or More Axle	23.49	12.02	35.51
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add $1.60/hr on 5/30/2016.	33.02	18.70	51.72
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	23.49	12.02	35.51

LABORERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
301	General Laborer Future Increase(s): Add $1.35/hr eff. 06/01/2015; Add $1.25/hr eff. 06/06/2016 Premium Increase(s): Add $.11 for mortar mixer, fork lift operator, air and electric equipment and power buggy operators; Add $.22 for jackhammer operator, certified welder, gunite machineman.	29.01	17.22	46.23
302	Asbestos Abatement Worker	22.05	19.16	41.21
303	Landscaper	15.44	11.20	26.64

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.13	17.79	37.92
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased) Premium Increase(s): DOT PREMIUMS: Pay two times the hourly basic rate on New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	18.06	16.76	34.82
314	Railroad Track Laborer	14.50	4.39	18.89
315	Final Construction Clean-Up Worker	28.31	12.30	40.61

HEAVY EQUIPMENT OPERATORS
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
501	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Milling Machine; Boring Machine (Directional, Horizontal or Vertical); Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfgr's Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Crane, Shovel, Dragline, Clamshells; Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Grader or Motor Patrol; Master Mechanic; Mechanic or Welder; Robotic Tool Carrier (With or Without Attachments); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Tractor (Scraper, Dozer, Pusher, Loader); Trencher (Wheel Type or Chain Type Having Over 8 Inch Bucket). Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.60/hr on 5/30/2016.	34.47	18.70	53.17
502	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Environmental Burner; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Jeep Digger; Screed (Milling Machine); Skid Rig; Straddle Carrier or Travel Lift; Stump Chipper; Trencher (Wheel Type or Chain Type Having 8 Inch Bucket & Under). Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.60/hr on 5/30/2016.	34.17	18.70	52.87

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
503	Air Compressor (&/or 400 CFM or Over); Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Greaser; High Pressure Utility Locating Machine (Daylighting Machine); Mulcher; Oiler; Post Hole Digger or Driver; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.60/hr on 5/30/2016.	34.17	18.70	52.87
504	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
505	Work Performed on the Great Lakes Including Crane or Backhoe Operator; Assistant Hydraulic Dredge Engineer; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder; 70 Ton & Over Tug Operator. Premium Increase(s): Add $.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	41.65	21.71	63.36
506	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	17.85	53.57
507	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

HEAVY EQUIPMENT OPERATORS
EXCLUDING SITE PREPARATION, UTILITY, PAVING LANDSCAPING WORK

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
508	Boring Machine (Directional); Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add $.50/hr. Cranes with boom length over 200 ft. not exceeding 300 ft. OR lifting capacity over 200 ton not exceeding 300 ton add $.50/hr. Over 300 ton OR 300 ft. add $.01/hr. per foot OR ton whichever is greater.	40.61	20.15	60.76

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
509	Backhoe (Track Type) Having a Mfgr's Rated Capacity of 130,000 Lbs. or Over; Boring Machine (Horizontal or Vertical); Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Pile Driver; Versi Lifts, Tri-Lifts & Gantrys (20,000 Lbs. & Over). Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add $.50/hr.	40.11	20.15	60.26
510	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Dredge (NOT Performing Work on the Great Lakes); Forklift (Machinery Moving or Steel Erection, 25 Ft & Over); Gradall (Cruz-Aire Type); Hydro-Blaster (10,000 PSI or Over); Milling Machine; Skid Rig; Traveling Crane (Bridge Type). Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Crane Operators with CCO certification add $.50/hr.	39.61	20.15	59.76
511	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Bulldozer or Endloader (Over 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Environmental Burner; Gantrys (Under 20,000 Lbs.); Grader or Motor Patrol; High Pressure Utility Locating Machine (Daylighting Machine); Manhoist; Material or Stack Hoist; Mechanic or Welder; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tining or Curing Machine; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add $1.55/hr on 6/1/2015.	38.92	20.15	59.07

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
512	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Grout Pump; Hoist (Tugger, Automatic); Industrial Locomotives; Jeep Digger; Lift Slab Machine; Mulcher; Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames. Future Increase(s): Add $1.55/hr on 6/1/2015.	37.04	20.15	57.19
513	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Boatmen (NOT Performing Work on the Great Lakes); Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Elevator; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Forklift; Generator (&/or 150 KW or Over); Greaser; Heaters (Mechanical); Loading Machine (Conveyor); Oiler; Post Hole Digger or Driver; Prestress Machine; Pump (3 Inch or Over) or Well Points; Refrigeration Plant or Freeze Machine; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add $1.55/hr on 6/1/2015.	31.89	20.15	52.04
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add $1/hr on 6/1/2015; Add $1/hr on 5/30/2016.	36.34	22.14	58.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment). Future Increase(s): Add $1.65/hr on 6/1/2015.	34.06	19.35	53.41
516	Fiber Optic Cable Equipment	28.89	17.95	46.84

SEWER, WATER OR TUNNEL CONSTRUCTION

Includes those projects that primarily involve public sewer or water distribution, transmission or collection systems and related tunnel work (excluding buildings).

SKILLED TRADES

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
103	Bricklayer, Blocklayer or Stonemason	35.37	17.99	53.36
105	Carpenter Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.65/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	34.13	20.61	54.74
107	Cement Finisher Future Increase(s): Add $1.87 on 6/1/15; Add $1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	35.18	16.78	51.96
109	Electrician	47.76	0.00	47.76
111	Fence Erector	23.73	19.09	42.82
116	Ironworker	31.50	20.01	51.51
118	Line Constructor (Electrical)	37.43	18.19	55.62
125	Pavement Marking Operator	30.10	18.08	48.18
126	Piledriver	29.56	25.71	55.27
130	Plumber	21.50	0.00	21.50
135	Steamfitter	39.76	21.09	60.85
137	Teledata Technician or Installer	24.89	17.15	42.04
143	Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
146	Well Driller or Pump Installer	25.32	15.65	40.97
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.19	46.79
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	13.28	38.96
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

TRUCK DRIVERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
201	Single Axle or Two Axle Future Increase(s): Add $1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.18	18.31	43.49
203	Three or More Axle	18.00	0.00	18.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	32.89	18.96	51.85
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	18.00	0.00	18.00

LABORERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
301	General Laborer Future Increase(s): Add $1.35/hr eff. 06/01/2015; Add $1.25/hr eff. 06/06/2016 Premium Increase(s): Add $2.29 for bottomman; Add $2.15 for concrete manhole builder, bracer, jointman, or pipelayer; Add $5.44 for blaster. Add $2.00 for all tunnel work under 15 lbs. compressed air; Add $2.00 for 0-30 lbs. compressed air; Add $3.00 for over 30 lbs. compressed air.	29.16	17.72	46.88
303	Landscaper	39.43	0.00	39.43
304	Flagperson or Traffic Control Person	31.95	0.00	31.95
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72

314	Railroad Track Laborer	14.50	4.39	18.89

HEAVY EQUIPMENT OPERATORS
SEWER, WATER OR TUNNEL WORK

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
521	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Master Mechanic; Pile Driver. Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Add $.25/hr for operating tower crane.	37.24	20.10	57.34
522	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump (Over 46 Meter), Concrete Conveyor (Rotec or Bidwell Type); Concrete Spreader & Distributor; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Dredge (NOT Performing Work on the Great Lakes); Milling Machine; Skid Rig; Telehandler; Traveling Crane (Bridge Type). Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Add $.25/hr for operating tower crane.	36.46	20.10	56.56
523	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Boring Machine (Horizontal or Vertical); Bulldozer or Endloader (Over 40 hp); Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Concrete Pump (46 Meter & Under), Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Manhoist; Material or Stack Hoist; Mechanic or Welder; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yd or More Capacity; Screed (Milling Machine); Sideboom; Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type Having Over 8-Inch Bucket). Future Increase(s): Add $1.55/hr on 6/1/2015. Premium Increase(s): Add $.25/hr for operating tower crane.	35.51	20.10	55.61

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
524	Backfiller; Broom or Sweeper; Bulldozer or Endloader (Under 40 hp); Compactor (Self-Propelled 85 Ft Total Drum Width & Over, or Tractor Mounted, Towed & Light Equipment); Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Finishing Machine (Road Type); Environmental Burner; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Hoist (Tugger, Automatic); Grout Pump; Jeep Digger; Lift Slab Machine; Mulcher; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Screw or Gypsum Pumps; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Stump Chipper; Tining or Curing Machine; Trencher (Wheel Type or Chain Type Having 8-Inch Bucket & Under); Winches & A-Frames.	36.79	19.15	55.94
525	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Compactor (Self-Propelled 84 Ft Total Drum Width & Under, or Tractor Mounted, Towed & Light Equipment); Crusher, Screening or Wash Plant; Farm or Industrial Type Tractor; Fireman (Asphalt Plant NOT Performing Work on the Great Lakes); Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Loading Machine (Conveyor); Post Hole Digger or Driver; Refrigeration Plant or Freeze Machine; Rock, Stone Breaker; Skid Steer Loader (With or Without Attachments); Vibratory Hammer or Extractor, Power Pack.	50.50	0.42	50.92
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	31.64	19.15	50.79
527	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
528	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36
529	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	17.85	53.57
530	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under), Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION

Includes all airport projects (excluding buildings) and all projects awarded by the Wisconsin Department of Transportation (excluding buildings).

SKILLED TRADES

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
103	Bricklayer, Blocklayer or Stonemason	35.37	17.99	53.36
105	Carpenter	33.68	19.99	53.67
107	Cement Finisher Future Increase(s): Add $1.87 on 6/1/15; Add $1.75 on 6/1/16. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.	32.75	19.21	51.96
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.93	22.77	56.70
111	Fence Erector	23.73	19.09	42.82
116	Ironworker Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	30.77	23.97	54.74
118	Line Constructor (Electrical)	37.43	18.19	55.62
124	Painter	29.22	16.69	45.91
125	Pavement Marking Operator	30.27	18.79	49.06
126	Piledriver Future Increase(s): Add $1.50/hr on 6/1/2015; Add $1.60/hr on 6/1/2016. Premium Increase(s): Add $.65/hr for Piledriver Loftsman; Add $.75/hr for Sheet Piling Loftsman. DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	30.11	26.51	56.62
133	Roofer or Waterproofer	29.40	17.05	46.45

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
137	Teledata Technician or Installer	24.89	17.15	42.04
143	Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	14.64	46.24
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	12.83	38.51
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.63	33.38

TRUCK DRIVERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
201	Single Axle or Two Axle Future Increase(s): Add $1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.18	18.31	43.49
203	Three or More Axle Future Increase(s): Add $1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.28	18.31	43.59
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	30.27	21.15	51.42
205	Pavement Marking Vehicle	23.16	17.13	40.29
206	Shadow or Pilot Vehicle	24.37	17.77	42.14

207	Truck Mechanic	24.52	17.77	42.29

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
301	General Laborer Future Increase(s): Add $1.05/hr eff. 06/01/2015; Add $1.00/hr eff. 06/01/2016; Add $1.00/hr eff. 06/01/2017 Premium Increase(s): Add $.15/hr for air tool operator, joint sawer and filler (pavement), vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add $.35/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add $.50/hr for line and grade specialist; Add $.65/hr for blaster and powderman; Add $2.01/hr for topman; Add $2.46/hr for bottomman; Add $3.23/hr for pipelayer. / DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	27.06	20.03	47.09
302	Asbestos Abatement Worker	22.05	18.41	40.46
303	Landscaper Future Increase(s): Add $1.05/hr eff. 06/01/2015; Add $1.00/hr eff. 06/01/2016; Add $1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	27.06	20.03	47.09
304	Flagperson or Traffic Control Person	22.55	19.37	41.92
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72
314	Railroad Track Laborer	14.50	4.39	18.89

HEAVY EQUIPMENT OPERATORS
AIRPORT PAVEMENT OR STATE HIGHWAY CONSTRUCTION

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
531	Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Traveling Crane (Bridge Type). Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	37.72	21.15	58.87
532	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	37.22	21.15	58.37

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
533	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, VIbratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane WIth a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	36.72	21.15	57.87

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
534	Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or WIthout Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	36.46	21.15	57.61
535	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	36.17	21.15	57.32
536	Fiber Optic Cable Equipment.	28.89	17.95	46.84
537	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
538	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
539	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	17.85	53.57
540	Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks-Great Lakes ONLY.	35.46	20.40	55.86

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION

Includes roads, streets, alleys, trails, bridges, paths, racetracks, parking lots and driveways (except residential or agricultural), public sidewalks or other similar projects (excluding projects awarded by the Wisconsin Department of Transportation).

SKILLED TRADES

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
103	Bricklayer, Blocklayer or Stonemason	35.37	17.99	53.36
105	Carpenter Future Increase(s): Add $1.42/hr on 6/1/2015; Add $1.42/hr on 6/1/2016. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	32.72	16.00	48.72
107	Cement Finisher	30.96	18.53	49.49
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.93	22.77	56.70
111	Fence Erector	23.73	19.09	42.82
116	Ironworker	30.52	23.47	53.99
118	Line Constructor (Electrical)	37.43	18.19	55.62
124	Painter	29.52	19.99	49.51
125	Pavement Marking Operator	30.10	18.08	48.18
126	Piledriver	29.56	25.71	55.27
133	Roofer or Waterproofer	29.40	17.05	46.45
137	Teledata Technician or Installer	24.89	17.15	42.04
143	Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
144	Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	15.19	46.79
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	13.28	38.96
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.97	34.72

TRUCK DRIVERS

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
201	Single Axle or Two Axle Future Increase(s): Add $1.15/hr on 6/1/2015. Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	25.18	18.31	43.49
203	Three or More Axle	18.00	0.00	18.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add $1.60/hr on 6/2/2015; Add $1.60/hr on 6/3/2016.	33.69	19.78	53.47
205	Pavement Marking Vehicle	20.85	11.02	31.87
206	Shadow or Pilot Vehicle	24.37	17.77	42.14
207	Truck Mechanic	18.00	0.00	18.00

LABORERS

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
301	General Laborer	24.75	19.69	44.44
303	Landscaper Future Increase(s): Add $1.05/hr eff. 06/01/2015; Add $1.00/hr eff. 06/01/2016; Add $1.00/hr eff. 06/01/2017 Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).	27.06	20.03	47.09
304	Flagperson or Traffic Control Person	25.67	12.66	38.33
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72
314	Railroad Track Laborer	14.50	4.39	18.89

HEAVY EQUIPMENT OPERATORS
CONCRETE PAVEMENT OR BRIDGE WORK

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
541	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	37.72	21.15	58.87
542	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity of 4,000 Lbs. & Under; Crane, Tower Crane Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	37.22	21.15	58.37

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
543	Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames.	35.72	17.85	53.57
544	Backfiller; Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Jeep Digger; Joint Sawer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (WIth or Without Attachments); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	36.46	21.15	57.61
545	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack.	35.17	20.40	55.57
546	Fiber Optic Cable Equipment.	28.89	17.95	46.84

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
547	Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	41.65	21.71	63.36
548	Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	41.65	21.71	63.36
549	Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or more); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	35.72	17.85	53.57
550	Work Performed on the Great Lakes Including Deck Equipment Operator; Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks - Great Lakes ONLY.	35.46	20.40	55.86

HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER WORK

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
551	Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self Erecting Tower Crane With a Lifting Capacity of Over 4,000 Lbs., Crane With Boom Dollies; Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads and/or Jib Lengths Measuring 176 Ft or Over; Master Mechanic.	36.72	20.40	57.12
552	Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With a Lifting Capacity Of 4,000 Lbs. & Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	37.22	21.15	58.37

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
553	Air, Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Conveyor System; Concrete Laser/Screed; Concrete Slipform Placer Curb & Gutter Machine; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Railroad Track Rail Leveling Machine, Tie Placer, Extractor, Tamper, Stone Leveler or Rehabilitation Equipment; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A-Frames. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017.	36.17	20.80	56.97
554	Backfiller; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self-Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017.	36.17	20.80	56.97

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
555	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add $1.25/hr on 6/1/2015; Add $1.30/hr on 6/1/2016; Add $1.25/hr on 6/1/2017. Premium Increase(s): DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm.	36.17	21.15	57.32
556	Fiber Optic Cable Equipment.	27.89	17.20	45.09

RESIDENTIAL OR AGRICULTURAL CONSTRUCTION

Includes single family houses or apartment buildings of no more than four (4) stories in height and all buildings, structures or facilities that are primarily used for agricultural or farming purposes, excluding commercial buildings. For classification purposes, the exterior height of a residential building, in terms of stories, is the primary consideration. All incidental items such as site work, driveways, parking lots, private sidewalks, private septic systems or sewer and water laterals connected to a public system and swimming pools are included within this definition. Residential buildings of five (5) stories and above are NOT included within this definition.

SKILLED TRADES

Fringe Benefits Must Be Paid On All Hours Worked

CODE	TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
101	Acoustic Ceiling Tile Installer	33.07	16.07	49.14
102	Boilermaker	32.05	28.04	60.09
103	Bricklayer, Blocklayer or Stonemason	23.89	4.78	28.67
104	Cabinet Installer	18.00	0.00	18.00
105	Carpenter	25.00	6.52	31.52
106	Carpet Layer or Soft Floor Coverer	30.00	0.00	30.00
107	Cement Finisher	26.60	3.99	30.59
108	Drywall Taper or Finisher	18.00	5.75	23.75
109	Electrician Premium Increase(s): DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.	33.93	22.77	56.70
110	Elevator Constructor	23.26	0.00	23.26
111	Fence Erector	19.00	1.34	20.34
112	Fire Sprinkler Fitter	39.00	18.00	57.00
113	Glazier Future Increase(s): Add $.75/hr eff. 06/01/2015; Add $.90/hr eff. 06/01/2016	37.07	14.42	51.49
114	Heat or Frost Insulator	33.43	25.81	59.24
115	Insulator (Batt or Blown)	20.00	0.00	20.00
116	Ironworker	31.50	11.33	42.83
117	Lather	25.00	6.52	31.52
119	Marble Finisher	20.00	0.52	20.52
120	Marble Mason	23.89	4.78	28.67
121	Metal Building Erector	18.00	5.88	23.88

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
123	Overhead Door Installer	28.00	1.61	29.61
124	Painter	18.00	4.50	22.50
125	Pavement Marking Operator	18.75	2.47	21.22
129	Plasterer	22.00	0.00	22.00
130	Plumber	36.47	20.47	56.94
132	Refrigeration Mechanic	17.00	13.52	30.52
133	Roofer or Waterproofer Future Increase(s): Add $1.25/hr eff. 06/01/2015; Add $1.25/hr eff. 06/01/2016	29.65	18.15	47.80
134	Sheet Metal Worker	26.13	20.22	46.35
135	Steamfitter	23.62	16.12	39.74
137	Teledata Technician or Installer	18.00	28.48	46.48
138	Temperature Control Installer	22.00	2.45	24.45
139	Terrazzo Finisher	20.00	0.52	20.52
140	Terrazzo Mechanic	30.71	16.52	47.23
141	Tile Finisher	23.77	16.52	40.29
142	Tile Setter	30.50	0.68	31.18
143	Tuckpointer, Caulker or Cleaner	14.00	8.75	22.75
146	Well Driller or Pump Installer	29.00	0.00	29.00
147	Siding Installer	17.00	0.65	17.65

TRUCK DRIVERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
201	Single Axle or Two Axle	17.25	5.70	22.95
203	Three or More Axle	23.49	14.07	37.56
205	Pavement Marking Vehicle	20.85	11.02	31.87
207	Truck Mechanic	23.49	14.07	37.56

LABORERS

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
301	General Laborer	15.00	10.33	25.33
302	Asbestos Abatement Worker	16.50	8.21	24.71
303	Landscaper	12.00	0.00	12.00
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.71	16.01	33.72
315	Final Construction Clean-Up Worker	10.00	2.21	12.21

HEAVY EQUIPMENT OPERATORS RESIDENTIAL OR AGRICULTURAL CONSTRUCTION

CODE	Fringe Benefits Must Be Paid On All Hours Worked TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
557	Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Backhoe (Track Type); Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boring Machine (Directional, Horizontal or Vertical); Bulldozer or Endloader; Concrete Breaker (Large, Auto, VIbratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & DIstributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Crane, Shovel, Dragline, Clamshells; Forestry Equipment, TImbco, Tree Shear, Tub Grinder, Processor; Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Manhoist; Material or Stack Hoist; Mechanic or Welder; Milling Machine; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane (10 Tons or Under); Trencher (Wheel Type or Chain Type); WInches & A-Frames.	36.06	19.02	55.08

558	Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Backfiller; Belting, Burlap, Texturing Machine; Boiler (Temporary Heat); Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & LIght Equipment); Concrete Finishing Machine (Road Type); Farm or Industrial Type Tractor; Forklift; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Jeep Digger; Lift Slab Machine; Mulcher; Oiler; Post Hole Digger or Driver; Power Subgrader; Pump (3 Inch or Over) or Well Points; Robotic Tool Carrier (With or Without Attachments); Rock, Stone Breaker; Roller (Rubber Tire, 5 Tons or Under); Screed (Milling Machine); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Stump Chipper; Telehandler; Vibratory Hammer or Extractor, Power Pack.	36.79	18.81	55.60

********** END OF RATES **********

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Commercial Building (Day Care)
2100 West North Avenue
(aka 2242 W North Ave)
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.: 15-400-004.2100
Contract No.: 360-15-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2015

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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 possible asbestos containing materials in the building at 2100 West North Avenue, Milwaukee, Wisconsin.

The inspection included caulk, ceiling tile, door gasket, fittings, pipe insulation, ceramic tile, drywall/joint compound, flue packing, sink undercoat, floor tile, and mastics to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M and NR 447 of the Wisconsin Administrative Code.*

II. BUILDING SURVEY

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

On April 14, 2015, HMG conducted an asbestos inspection of a commercial building, scheduled for mechanical demolition, located at 2100 West North Avenue, Milwaukee, Wisconsin. The inspection was conducted by Damian Rogowski, Wisconsin License No. AII – 161300.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled except where on concrete.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include caulk, ceiling tile, door gasket, fittings, pipe insulation, ceramic tile, drywall/joint compound, flue packing, sink undercoat, floor tile, and mastics. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Homogeneous Code
1a	**Exterior – on west wall – expansion joint caulk white layer**	**Positive 2% Chrysotile**	**MCLKw**
1b	Exterior – on west wall – expansion joint caulk black layer	Negative	MCLKk
2a	**Exterior – on east wall – expansion joint caulk white layer**	**Positive 4% Chrysotile**	**MCLKw**
2b	Exterior – on east wall – expansion joint caulk black layer	Negative	MCLKk
3a	**Exterior – on north wall – expansion joint caulk white layer**	**Positive 3% Chrysotile**	**MCLKw**
3b	Exterior – on north wall – expansion joint caulk black layer	Negative	MCLKk
4	Exterior – on north wall – brown mastic	Negative	MWMn
5	Exterior – on west wall – brown mastic	Negative	MWMn
6	Exterior – on north wall – brown mastic	Negative	MWMn
7	Exterior – on windows – cream caulk	Negative	MCLKc
8	Exterior – on windows – black caulk #2	Negative	MCLKk2
9a	Exterior – north side under carpet – yellow mastic	Negative	MCMl
9b	Exterior – north side under carpet – black mastic	Negative	MCMk
10a	Exterior – northeast under carpet – yellow mastic	Negative	MCMl
10b	Exterior – northeast under carpet – black mastic	Negative	MCMk
11a	Exterior – northwest under carpet – yellow mastic	Negative	MCMl
11b	Exterior – northwest under carpet – black mastic	Negative	MCMk
12	1st floor – storage room – 2’ x 4’ ceiling tile	Negative	MSCT24
12A	1st floor – main room east side – 2’ x 4’ ceiling tile	Negative	MSCT24
12B	1st floor – main room west side – 2’ x 4’ ceiling tile	Negative	MSCT24
13	1st floor – storage room – on east door – gasket	Negative	MDG
14	**1st floor – storage room – north and east side - <5” diameter pipe insulation fitting on fiberglass**	**Positive 6% Chrysotile**	**TF5F**
15	**1st floor – main room – east side - <5” diameter pipe insulation fitting on fiberglass**	**Positive 5% Chrysotile**	**TF5F**
16	**1st floor – main room – west side - <5” diameter pipe insulation fitting on fiberglass**	**Positive 5% Chrysotile**	**TF5F**

Sample #	Location and Description	Results	Homogeneous Code
17a	1st floor – storage room – north and east side - <5" black wrap on fiberglass	Negative	TF5
17b	1st floor – storage room – north and east side - <5" yellow layer on fiberglass	Negative	TF5
18a	1st floor – main room – east side - <5" black wrap on fiberglass	Negative	TF5
18b	1st floor – main room – east side - <5" yellow layer on fiberglass	Negative	TF5
19	1st floor – main room – west side - <5" black wrap on fiberglass	Negative	TF5
20a	1st floor – east bathroom floor – brown ceramic tile	Negative	MCTMn
20b	1st floor – east bathroom floor – grout	Negative	MCTMn
20c	1st floor – east bathroom floor – under ceramic tile – mortar	Negative	MCTMn
21a	1st floor – storage room – east wall – joint compound	Negative	MDW
21b	1st floor – storage room – east wall – drywall	Negative	MDW
22a	1st floor – main room – east wall – joint compound	Negative	MDW
22b	1st floor – main room – east wall – drywall	Negative	MDW
23a	1st floor – main room – west wall – joint compound	Negative	MDW
23b	1st floor – main room – west wall – drywall	Negative	MDW
24	1st floor – main room – east side under carpet – yellow mastic	Negative	MCM2
25	**1st floor – main room – center under carpet – black mastic**	**Positive 3% Chrysotile**	**MCM2**
26	1st floor – main room – west side under carpet – black mastic	Negative	MCM2
27	**1st floor – main room – east side under carpet mastic – black floor mastic on concrete**	**Positive 5% Chrysotile**	**MFM**
28	**1st floor – main room – center under carpet mastic – black floor mastic on concrete**	**Positive 4% Chrysotile**	**MFM**
29	**1st floor – main room – west side under carpet mastic – black floor mastic on concrete**	**Positive 3% Chrysotile**	**MFM**
30	1st floor – main room – east wall under foam panels – yellow mastic	Negative	MWMl
31	1st floor – main room – center wall under foam panels – yellow mastic	Negative	MWMl
32	1st floor – main room – west wall under foam panels – yellow mastic	Negative	MWMl
33	1st floor – main room – north wall – flue packing	Negative	TFP
34	1st floor – main room – on sink – brown undercoat	Negative	MSU
35a	1st floor – west bathroom floor – white ceramic tile	Negative	MCTMw
35b	1st floor – west bathroom floor – grout	Negative	MCTMw
35c	1st floor – west bathroom floor – under ceramic tile – mortar	Negative	MCTMw
36a	1st floor – main room – east side – 12" gray floor tile	Negative	MF12y
36b	1st floor – main room – east side – under gray floor tile – white mastic on concrete	Negative	MF12y
37a	1st floor – main room – north side – 12" gray floor tile	Negative	MF12y
37b	1st floor – main room – north side – under gray floor tile – white mastic on concrete	Negative	MF12y

Sample #	Location and Description	Results	Homogeneous Code
38a	1st floor – main room – south side – 12” gray floor tile	Negative	MF12y
38b	1st floor – main room – south side – under gray floor tile – white mastic on concrete	Negative	MF12y
39a	1st floor – main room – east side – 12” multicolored floor tile	Negative	MF12m
39b	1st floor – main room – east side – under multicolored floor tile – white mastic on concrete	Negative	MF12m
40a	1st floor – main room – north side – 12” multicolored floor tile	Negative	MF12m
40b	1st floor – main room – north side – under multicolored floor tile – white mastic on concrete	Negative	MF12m
41	1st floor – main room – west side – 12” multicolored floor tile	Negative	MF12m
42	1st floor – main room – east side – 12” blue floor tile	Negative	MF12b
43a	1st floor – main room – north side – 12” blue floor tile	Negative	MF12b
43b	**1st floor – main room – north side – under blue floor tile – black mastic on concrete**	**Positive 3% Chrysotile**	**MF12b**
44	1st floor – main room – west side – 12” blue floor tile	Negative	MF12b
45a	1st floor – main room – east side – 12” yellow and green floor tile	Negative	MF12lg
45b	**1st floor – main room – east side – under yellow and green floor tile – black mastic on concrete**	**Positive 3% Chrysotile**	**MF12lg**
46a	1st floor – main room – west side – 12” yellow and green floor tile	Negative	MF12lg
46b	1st floor – main room – west side – under yellow and green floor tile – yellow mastic on concrete	Negative	MF12lg
47a	1st floor – storage room – on shelf – 12” yellow and green floor tile	Negative	MF12lg
47b	1st floor – storage room – on shelf – under yellow and green floor tile – yellow mastic	Negative	MF12lg
48a	1st floor – storage room – on shelf – 12” green floor tile	Negative	MF12g
48b	1st floor – storage room – on shelf – under green floor tile – yellow mastic	Negative	MF12g
49a	1st floor – main room – east side – 12” green floor tile	Negative	MF12g
49b	**1st floor – main room – east side – under green floor tile – black mastic on concrete**	**Positive 3% Chrysotile**	**MF12g**
50a	1st floor – main room – west side – 12” green floor tile	Negative	MF12g
50b	1st floor – main room – west side – under green floor tile – yellow mastic on concrete	Negative	MF12g
51	1st floor – main room – north side – 12” red and tan floor tile	Negative	MF12rt
52	1st floor – main room – east side – 12” red and tan floor tile	Negative	MF12rt
53	1st floor – main room – west side – 12” red and tan floor tile	Negative	MF12rt

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

Material	Homogeneous Code	Location	Approximate Quantity
Expansion Joint Caulk	MCLKw	Exterior on Brick Walls	60 Ln. Ft.
<5" Diameter Pipe Insulation Fittings	TF5F	Storage Room, Main Room, Pipe Chase	40 Fittings 20 Sq. Ft. of Pipe Chase Floor Contaminated.
Black Floor Mastic	MFM	Main Room Under Carpet & Floor Tile	3,800 Sq. Ft.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Quantity
Roof	Building	Built up Roofing & Flashing	4,800 Sq. Ft.

Homogeneous Material Codes

MCLKw	White Expansion Joint Caulk
MCLKk	Black Expansion Joint Caulk
MCLKk2	Black Caulk #2
MCLKc	Cream Caulk
MWMn	Brown Wall Mastic
MWMl	Yellow Wall Mastic
MCMl	Yellow Exterior Carpet Mastic
MCMk	Black Exterior Carpet Mastic
MCM3	Interior Carpet Mastic
MSCT24	2' x 4' Ceiling Tile
MCTMn	Brown Ceramic Tile
MCTMw	White Ceramic Tile
MDG	Door Gasket
MFM	Black Floor Mastic
MDW	Drywall/Joint Compound
MSU	Sink Undercoat
MF12rn	12" Red & Brown Floor Tile
MF12y	12" Gray Floor Tile
MF12b	12" Blue Floor Tile
MF12lg	12" Yellow & Green Floor Tile
MF12g	12" Green Floor Tile
MF12rt	12" Red & Tan Floor Tile
TFP	Flue Packing
TF5	<5" Diameter Fiberglass Insulation With Black Layer
TF5F	<5" Diameter Pipe Insulation Fitting

Note#1: The expansion joint caulk, black floor mastic, and fittings must be abated by a Wisconsin certified asbestos company prior to demolition.

Note#2: If additional materials are discovered during demolition 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 demolition contractor.

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

V. EXCLUSIONS

No access to basement or attic. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

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

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

LEAD

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

MERCURY
Products that may contain mercury:

LIGHTING

460	Fluorescent Lights – Storage Room, Main Room, Center Bathroom
28	High Intensity Discharge – Exterior -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

5	Old Thermostats – Storage Room, Main Room
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

BOILERS, **FURNACES**, HEATERS AND TANKS – 2 Furnaces in Storage Room, 1 Furnace in Main 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 – 4 Breaker Boxes in Storage 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
230	Light Ballasts – Storage Room, Main Room, Center Bathroom
N/A	Specialty Paints (such as for swimming pools or other industrial applications)
N/A	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

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

* 6 Gallons Paint in Storage Room

VIII. LABORATORY RESULTS

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248742
Account Number: B929
Date Received: 04/15/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/21/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Caulk	Asbestos Present Chrysotile 2	Talc 5	CaCO3
001a		Layered	Black Roofing	Asbestos Not Present	Cellulose 30	Tar
002	2	Layered	White Caulk	Asbestos Present Chrysotile 4	Talc 4	CaCO3
002a		Layered	Black Roofing	Asbestos Not Present	Cellulose 30	Tar
003	3	Layered	White Caulk	Asbestos Present Chrysotile 3	Talc 5	CaCO3
003a		Layered	Black Roofing	Asbestos Not Present	Cellulose 40	Tar
004	4	Homogeneous	Beige Mastic	Asbestos Not Present	NA	Glue CaCO3

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

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

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
005	5	Homogeneous	Beige Mastic	Asbestos Not Present	NA		Glue CaCO3
006	6	Homogeneous	Beige Mastic	Asbestos Not Present	NA		Glue CaCO3
007	7	Homogeneous	White Caulk	Asbestos Not Present	Talc	3	CaCO3
008	8	Homogeneous	Black Tar	Asbestos Not Present	Glass Fiber	10	Tar
009	9	Layered	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3
009a		Layered	Black Mastic	Asbestos Not Present	NA		Tar

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

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Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010	10	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue CaCO3
010a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
011	11	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
012	12	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
013	12A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
014	12B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite

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Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015	13	Homogeneous	Cream Fabric	Asbestos Not Present	Cellulose 100	
016	14	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 6	Glass Fiber 20	CaCO3
017	15	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 5	Glass Fiber 20	CaCO3
018	16	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 5	Glass Fiber 20	CaCO3
019	17	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 60	Tar
019a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	

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Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
020	18	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar
020a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber	100	
021	19	Homogeneous	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar
022	20	Layered	Brown Ceramic Tile	Asbestos Not Present	NA		Clay
022a		Layered	White Grout	Asbestos Not Present	NA		Quartz CaCO3
022b		Layered	Gray Grout	Asbestos Not Present	NA		Quartz CaCO3
023	21	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Paint

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248742
Account Number: B929
Date Received: 04/15/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/21/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
023a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
024	22	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Paint
024a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
025	23	Layered	White Joint Compound	Asbestos Not Present	NA		CaCO3 Paint
025a		Layered	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
026	24	Homogeneous	Yellow Mastic	Asbestos Not Present	NA		Glue CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248742
Account Number: B929
Date Received: 04/15/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/21/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	25	Homogeneous	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar Paint
028	26	Layered	Yellow Foam	Asbestos Not Present	NA	Foam
028a		Layered	Black Mastic	Asbestos Not Present	NA	Tar Binder
029	27	Homogeneous	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
030	28	Homogeneous	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar Paint
031	29	Homogeneous	Black Mastic	Asbestos Present Chrysotile 3	Cellulose 2	Tar Paint
032	30	Homogeneous	Yellow Mastic	Asbestos Not Present	NA	Glue

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248742
Account Number: B929
Date Received: 04/15/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/21/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
033	31	Homogeneous	Beige Mastic	Asbestos Not Present	NA	Glue CaCO3
034	32	Homogeneous	Beige Mastic	Asbestos Not Present	NA	Glue CaCO3
035	33	Homogeneous	Beige Mastic	Asbestos Not Present	Talc 4	Glue
036	34	Homogeneous	Brown Caulk	Asbestos Not Present	Cellulose 10	Tar CaCO3
037	35	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay
037a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz CaCO3

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

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248742
Account Number: B929
Date Received: 04/15/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/21/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037b		Layered	Black Grout	Asbestos Not Present	NA	Quartz CaCO3

Gayle Ooten, Analyst

4/21/2015
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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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. 248742	
(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:	15-400-004.2100
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/14/15 1700	FedEx	Shiftwich	4/15/15 9:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	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. 248742
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	12A	☐				
14	12B	☐				
15	13	☐				
16	14	☐				
17	15	☐				
18	16	☐				
19	17	☐				
20	18	☐				
21	19	☐				
22	20	☐				
23	21	☐				
24	22	☐				
25	23	☐				
26	24	☐				
27	25	☐				
28	26	☐				
29	27	☐				
30	28	☒				

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 248742
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	29	☒				
32	30	☐				
33	31	☐				
34	32	☐				
35	33	☐				
36	34	☐				
37	35	☑				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248797
Account Number: B929
Date Received: 04/16/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/20/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	36	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
001a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
002	37	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
002a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
003	38	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
003a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
004	39	Layered	Pink/Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248797
Account Number: B929
Date Received: 04/16/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/20/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue Binder
005	40	Layered	Pink/Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
005a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
006	41	Homogeneous	Pink/Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
007	42	Homogeneous	Green/White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
008	43	Layered	Green/White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248797
Account Number: B929
Date Received: 04/16/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/20/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Glue Tar
009	44	Homogeneous	Green/White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
010	45	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
010a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Glue Tar
011	46	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
011a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
012	47	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248797
Account Number: B929
Date Received: 04/16/2015
Received By: Sherrie Leftwich
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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: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
013	48	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
013a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
014	49	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
014a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Glue Tar
015	50	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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

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

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 248797
Account Number: B929
Date Received: 04/16/2015
Received By: Sherrie Leftwich
Date Analyzed: 04/20/2015
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 15-400-004.2100

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
016	51	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
017	52	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
018	53	Homogeneous	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

Gayle Ooten, Analyst

4/20/2015
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. 248797	
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:	15-400-004.2100
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/15/15 1700	Fed Ex	S Luftwich	4/16/15 9:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	36	☒				
2	37	☐				
3	38	☐				
4	39	☐				
5	40	☐				
6	41	☐				
7	42	☐				
8	43	☐				
9	44	☐				
10	45	☑				

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. 248797
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	46	☒				
12	47	☐				
13	48	☐				
14	49	☐				
15	50	☐				
16	51	☐				
17	52	☐				
18	53	☑				
19		☐				
20		☐				
21		☐				
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
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"

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

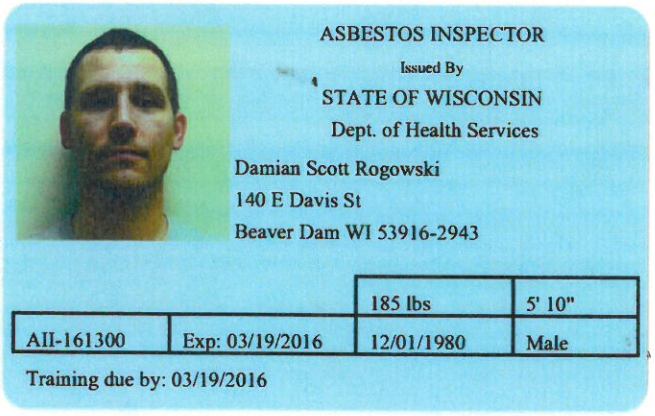
is certified under ch. HFS 159, Wis.Adm.Code as a

Asbestos Company - Primary

Certificate Issue Date: 09/11/2013
Expiration Date: 08/31/2015, 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

Damian Scott Rogowski

140 E Davis St

Beaver Dam WI 53916-2943

		185 lbs	5' 10"
AII-161300	Exp: 03/19/2016	12/01/1980	Male

Training due by: 03/19/2016

COPY

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

LEAD BASED PAINT INSPECTION REPORT

Job Site:

Commercial Building (Day Care)
2100 West North Avenue
(aka 2242 W North Ave)
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.: 15-400-004.2100L
Contract No.: 360-15-0745

Dean Jacobsen
Lead Risk Assessor # LRA 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2015

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I. Introduction 2

II. Component Testing 2
A. Summary
B. Tests Results of Components
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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct a preliminary survey for possible Lead Based Paint on the concrete and masonry surfaces at the following location: **2100 West North Avenue, Milwaukee, Wisconsin, commercial building.** Demolition is planned for the building. Enclosed you will find a summary of the paint testing at the above referenced location. All other areas/materials were excluded from this scope of work.

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint is present in the building, 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.

The testing took place on April 14, 2015. Samples of paint were collected from masonry surfaces (block, concrete) representing all observed paint colors. Samples were analyzed at Quantem Laboratories of Oklahoma City, Oklahoma, for total lead content using USEPA Method 7000B (Reference Section II for results).

The Wisconsin Administrative Code (DHS 163) defines lead-based paint as having a surface concentration of lead that is more than 0.06% of lead per weight of a paint chip sample.

The results of the analysis was classified as follows:

Positive: Any result above the HFS 163 Standard of 0.06% lead.

Negative: Any result at or below the HFS 163 Standard of 0.06% lead.

II. COMPONENT TESTING

A. Summary

In an effort to develop a painting history of the building, masonry was tested for the presence of lead based paint.

Exterior: 2100 West North Avenue

- **Painted block and concrete were observed on the exterior walls and light poles. Lead was detected above 0.06% in the tan and yellow paints on the light poles.**

Interior: 2100 West North Avenue

- **Painted block and concrete were observed on interior floors and walls. Lead was not detected above 0.06%.**

Reference Test Results of Components below.

B. Test Results of Components:

Site: 2100 West North Avenue, Milwaukee, Wisconsin Date: 4/14/15

Paint Testing Results						
Sample	**Location**	**Component & Feature**	**Substrate**	**Color**	**PbC (%)**	**Result**
36P	Exterior	East Wall	Block	Tan	<0.004	Negative
37P	**Exterior**	**Northwest Light Pole**	**Concrete**	**Tan**	**0.201**	**Positive**
38P	**Exterior**	**North Light Pole**	**Concrete**	**Yellow**	**1.61**	**Positive**
39P	Main Room by Door	East Wall	Block	White	0.006	Negative
40P	Main Room	South Wall	Block	Blue	<0.004	Negative
41P	Main Room by Door	North Wall	Block	Red	<0.004	Negative
42P	Middle Bathroom	Floor	Concrete	Gray	0.052	Negative
43P	Main Room	West Floor	Concrete	Gray	<0.004	Negative
44P	Main Room	Center Floor	Red	<0.005	<0.004	Negative

The inspection did find Lead-Based Paint on the property: the paint on the exterior concrete light poles.

If there are any further concerns over what to do with certain components, we can do additional testing, and/or review records for historical precedents for removal, disposal and cleanup.

Any other paint found in the building that is disturbed should be handled as lead based paint.

Lead-Based Paint components were in fair condition at the time of this inspection.

The testing of components in the structure fulfilled the need for OSHA notification of workers.

C. Summary of OSHA Lead Based Paint Regulations

The OSHA regulation for Lead Exposure in Construction is 29 CFR 1926.62. The law states that in the presence of any measurable amount of Lead a contractor is obligated to take some actions to ensure the safety of its work-force and that of the owner.

Workers demolishing building materials containing lead based paint must be monitored for lead exposure. Monitoring for lead exposure is covered under U.S. Department of Labor Occupational Safety and Health Administration 29 CFR 1926.62 for the construction industry, which includes:

- Demolition or salvage of structures where lead or materials containing lead are present.
- Removal or encapsulation of materials containing lead.

- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead.

The employer is required to initially determine if any employee may be exposed to lead at or above the action level. **The action level means employee exposure, without regard to the use of respirators, to an airborne lead concentration of 30 μg/m^3 of air calculated as an 8 hour time weighted average.** The employer must collect personal samples representative of a full shift for each job classification in each work area. The samples must be representative of the monitored employee's regular daily exposure to lead. **OSHA has also set a permissible exposure limit (PEL) which is defined as a lead concentration of 50 μg/m^3 of air averaged over an eight hour period.** If the initial exposure assessment has not been completed, the employer must treat the employee as if the employee were exposed above the PEL, and not in excess of ten times the PEL, for tasks including demolition of structures with lead containing coatings or paint. This includes respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring, and training.

If all concentrations are below the action level, additional air monitoring is not needed except when there has been a change in equipment, process, control, personnel, or type of task that may result in additional employees being exposed to lead at or above the action level. If exposure is between the action level and PEL, air monitoring must be done at least every six months until two consecutive readings taken at least seven days apart are below the action level. If exposure is above the PEL, air monitoring must be done quarterly until two consecutive readings taken at least seven days apart are below the PEL. Employees must be notified in writing of the results within 5 working days after completion of the air exposure assessment.

D. Summary of Wisconsin Department of Natural Resources Information

According to Wisconsin Department of Natural Resources Planning Your Demolition or Renovation Project (WA-651), building materials from remodeling or demolition debris that contain lead based paint are considered a waste, unless an exemption is obtained from the Department. Check with the Department for further guidance. Lead based paint chips or paint residue by themselves may be a hazardous waste. Additional testing by the toxicity characteristic leaching procedure (TCLP) method and comparison to hazardous waste regulations would be needed to determine this.

III. LIMITATIONS

A limited inspection was conducted. The results are representative only of the specific painted locations that were sampled on the building. This inspection should not be used for purposes of determining where lead safe renovation or abatement procedures are required except where the samples were collected. This report represents the condition of the building and the visible/ accessible locations sampled at the date and the time of the onsite inspection.

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. 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 is 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.

IV. LABORATORY RESULTS

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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 248735
Date Received: 04/15/15
Received By: Sherrie Leftwich
Date Sampled:
Time Sampled:
Analyst: BM
Date of Report: 4/22/2015

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.: 15-400-004.2100

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	36P	Paint	Lead	<0.00446	0.00446	%	04/21/15 14:45	P EPA 7000B (1)
002	37P	Paint	Lead	0.201	0.004	%	04/21/15 14:45	P EPA 7000B (1)
003	38P	Paint	Lead	1.61	0.00426	%	04/21/15 14:45	P EPA 7000B (1)
004	39P	Paint	Lead	0.00630	0.00481	%	04/21/15 14:45	P EPA 7000B (1)
005	40P	Paint	Lead	<0.00430	0.0043	%	04/21/15 14:45	P EPA 7000B (1)
006	41P	Paint	Lead	<0.00464	0.00464	%	04/21/15 14:45	P EPA 7000B (1)
007	42P	Paint	Lead	0.0521	0.00461	%	04/21/15 14:45	P EPA 7000B (1)
008	43P	Paint	Lead	<0.00399	0.00399	%	04/21/15 14:45	P EPA 7000B (1)
009	44P	Paint	Lead	<0.00480	0.0048	%	04/21/15 14:45	P EPA 7000B (1)

Authorized Signature:_____
Benton Miller, 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

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. 248735	
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:	15-400-004.2100

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/14/15 1700	FedEx	S Lightwich	4/15/15 9:30

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	36P				B	X				X				
2	37P				↓	↓				↓				
3	38P				↓	↓				↓				
4	39P				↓	↓				↓				
5	40P				↓	↓				↓				
6	41P				↓	↓				↓				
7	42P				↓	↓				↓				
8	43P				↓	↓				↓				
9	44P													
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"**

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

ASBESTOS INSPECTION REPORT
Job Site:

Commercial Building
2228 West North 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.: 14-200-042.2228
Contract No.: 360-14-0745

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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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 possible asbestos containing materials in the building at 2228 West North Avenue, Milwaukee, Wisconsin.

The inspection included plaster, texture, drywall/joint compound, ceramic tile, floor tile, linoleum, spark arrestor, tape wrap, cloth insulation, flue packing, window glazing compound, ceiling tile, mastics, and caulk to determine if asbestos containing materials were present within the space as required by *US EPA NESHAP regulation 40 CFR 61 Subpart M.*

II. BUILDING SURVEY

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

On April 25, 2014 HMG conducted an asbestos inspection of a commercial building, scheduled for mechanical demolition, located at 2228 West North Avenue, Milwaukee, Wisconsin. The inspection was conducted by Dean Jacobsen, Wisconsin License No. AII – 14370.

The inspection was comprised of three elements:

1. A visual determination as to the extent of suspect materials within the building.
2. Sampling and documentation of observable suspect materials. Category I non-friable materials were assumed to be asbestos containing and not sampled except where on concrete or brick.
3. Quantification of observable positive materials existing within the spaces.

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

III. THE LABORATORY

A. METHOD OF ANALYSIS

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

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

IV. FINDINGS AND OBSERVATIONS

The materials identified as suspect asbestos containing materials (ACM) include plaster, texture, drywall/joint compound, ceramic tile, floor tile, linoleum, spark arrestor, tape wrap, cloth insulation, flue packing, window glazing compound, ceiling tile, mastics, and caulk. These materials were sampled and the following results were noted:

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
1a	2226 Unit – store area – east wall – plaster skim coat	Negative	N/A	SPl
1b	2226 Unit – store area – east wall – plaster base coat	Negative	N/A	SPl
2a	2226 Unit – bathroom – south wall – plaster skim coat	Negative	N/A	SPl
2b	2226 Unit – bathroom – south wall – plaster base coat	Negative	N/A	SPl
3a	2224 Unit – storage room – west wall – plaster skim coat	Negative	N/A	SPl
3b	2224 Unit – storage room – west wall – plaster base coat	Negative	N/A	SPl
4a	2222 Unit – store area – east wall – plaster skim coat	Negative	N/A	SPl
4b	2222 Unit – store area – east wall – plaster base coat	Negative	N/A	SPl
5a	2228 Unit – storage room – ceiling – plaster skim coat	Negative	N/A	SPl
5b	2228 Unit – storage room – ceiling – plaster base coat	Negative	N/A	SPl
5Aa	2228 Unit – store area – south wall – plaster skim coat	Negative	N/A	SPl
5Ab	2228 Unit – store area – south wall – plaster base coat	Negative	N/A	SPl
5Ba	2230 Unit – store area – north wall – plaster skim coat	Negative	N/A	SPl
5Bb	2230 Unit – store area – north wall – plaster base coat	Negative	N/A	SPl
6a	2226 Unit – store area – north wall – joint compound	Negative	N/A	MDW
6b	2226 Unit – store area – north wall – drywall	Negative	N/A	MDW
7a	2228 Unit – center storage room – north wall – joint compound	Positive 2% Chrysotile	N/A	MDW
7b	2228 Unit – center storage room – north wall – drywall	Negative	N/A	MDW

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
7	COMPOSITE POINT COUNT RESULT	Trace 0.5% Chrysotile	N/A	MDW
8a	2228 Unit – store area – west wall – joint compound	Negative	N/A	MDW
8b	2228 Unit – store area – west wall – drywall	Negative	N/A	MDW
9a	2226 Unit – bathroom floor – green and gray ceramic tile on concrete	Negative	N/A	MCTMgy
9b	2226 Unit – bathroom floor – grout	Negative	N/A	MCTMgy
9c	**2226 Unit – bathroom floor – under ceramic tile on concrete – black mastic**	**Positive 10% Chrysotile**	**90 Sq. Ft.**	**MCTMgy**
10a	2226 Unit – bathroom wallbase – black ceramic tile	Negative	N/A	MCTMgy
10b	2226 Unit – bathroom wallbase – grout	Negative	N/A	MCTMgy
11a	**2224 Unit – storage room – 9" gray floor tile on concrete**	**Positive 15% Chrysotile**	**45 Sq. Ft.**	**MF9y**
11b	**2224 Unit – storage room – under floor tile – mastic**	**Positive 6% Chrysotile**	**45 Sq. Ft.**	**MF9y**
12a	**Basement – west stair landing – 9" red floor tile on concrete**	**Positive 10% Chrysotile**	**70 Sq. Ft.**	**MF9r**
12b	**Basement – west stair landing – under floor tile – mastic**	**Positive 4% Chrysotile**	**70 Sq. Ft.**	**MF9r**
13a	2222 Unit – store area – east side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
13b	**2222 Unit – store area – east side under linoleum on concrete - mastic**	**Positive 3% Chrysotile**	**180 Sq. Ft.**	**MFLwb**
14a	2222 Unit – storage room – east side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
14b	**2222 Unit – storage room – east side under carpet – white and blue linoleum on concrete**	**Positive 3% Chrysotile**	**Reference Sample 13b**	**MFLwb**
15a	2222 Unit – storage room – west side under carpet – white and blue linoleum on concrete	Negative	N/A	MFLwb
15b	**2222 Unit – storage room – west side under carpet – white and blue linoleum on concrete**	**Positive 3% Chrysotile**	**Reference Sample 13b**	**MFLwb**
16	**2222 Unit – store area – west side under carpet on concrete – mastic**	**Positive 4% Chrysotile**	**240 Sq. Ft.**	**MCM**
17	Basement – utility room near west stair – in fuse boxes – spark arrestor	Negative	N/A	MSA
18a	**Basement – in room north of west stair – west side – 9" tan floor tile on concrete**	**Positive 8% Chrysotile**	**320 Sq. Ft.**	**MF9t**
18b	**Basement – in room north of west stair – west side – under floor tile on concrete – mastic**	**Positive 3% Chrysotile**	**320 Sq. Ft.**	**MF9t**
19a	**Basement – in room north of west stair – center – 9" tan floor tile on concrete**	**Positive 8% Chrysotile**	**Reference Sample 18a**	**MF9t**
19b	Basement – in room north of west stair – center – 9" tan floor tile on concrete	Negative	N/A	MF9t
20a	**Basement – in room north of west stair – east side – 9" tan floor tile on concrete**	**Positive 8% Chrysotile**	**Reference Sample 18a**	**MF9t**
20b	Basement – in room north of west stair – east side – 9" tan floor tile on concrete	Negative	N/A	MF9t
21	**Basement – in room north of west stair – near west wall on pipe – black tape wrap**	**Positive 20% Chrysotile**	**3 Ln. Ft.**	**TTW**

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
22	Basement – in room north of west stair – near center pipe – cloth insulation	Negative	N/A	MCI
23	**Basement – utility room near east stair – on chimney – flue packing**	**Positive 6% Chrysotile**	**1 Sq. Ft.**	**TFP**
24a	**Basement – northeast locker room – west side – 12" gray floor tile**	**Positive 20% Chrysotile**	**220 Sq. Ft.**	**MF12y**
24b	**Basement – northeast locker room – west side – under floor tile – mastic**	**Positive 4% Chrysotile**	**220 Sq. Ft.**	**MF12y**
25a	**Basement – northeast locker room – center – 12" gray floor tile**	**Positive 20% Chrysotile**	**Reference Sample 24a**	**MF12y**
25b	**Basement – northeast locker room – center – 12" gray floor tile**	**Positive 5% Chrysotile**	**Reference Sample 24a**	**MF12y**
26a	**Basement – northeast locker room – east side – 12" gray floor tile**	**Positive 25% Chrysotile**	**Reference Sample 25a**	**MF12y**
26b	**Basement – northeast locker room – east side – 12" gray floor tile**	**Positive 4% Chrysotile**	**Reference Sample 25a**	**MF12y**
27a	Basement – northeast locker room – on wall – green ceramic tile	Negative	N/A	MCTMg
27b	Basement – northeast locker room – on wall – grout/mortar	Negative	N/A	MCTMg
28a	Basement – restroom – on wall – yellow ceramic tile	Negative	N/A	MCTMl
28b	Basement – restroom – on wall – grout/mortar	Negative	N/A	MCTMl
29	Basement – east stair – south wall – texture	Negative	N/A	STX
30	Basement – east stair – north wall – texture	Negative	N/A	STX
31	1st floor – east stair – east wall – texture	Negative	N/A	STX
32a	**2228/2230 Units – east storage room – north side – 12" green and black floor tile on concrete**	**Positive 25% Chrysotile**	**1,300 Sq. Ft.**	**MF12gk**
32b	**2228/2230 Units – east storage room – north side – under floor tile on concrete – mastic**	**Positive 3% Chrysotile**	**1,300 Sq. Ft.**	**MF12gk**
33a	**2228/2230 Units – east storage room – center – 12" green and black floor tile on concrete**	**Positive 15% Chrysotile**	**Reference Sample 32a**	**MF12gk**
33b	**2228/2230 Units – east storage room – center – under floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**Reference Sample 32a**	**MF12gk**
34a	**2228/2230 Units – east storage room – east side – 12" green and black floor tile on concrete**	**Positive 20% Chrysotile**	**Reference Sample 32a**	**MF12gk**
34b	**2228/2230 Units – east storage room – east side – under floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**Reference Sample 32a**	**MF12gk**
35	2228/2230 Units – storage room – east window – glazing compound	Negative	N/A	MPG
36a	**2228 Unit – store area – northwest under carpet – 12" tan and brown floor tile on concrete**	**Positive 7% Chrysotile**	**170 Sq. Ft.**	**MF12tn**
36b	**2228 Unit – store area – northwest under floor tile on concrete – mastic**	**Positive 8% Chrysotile**	**170 Sq. Ft.**	**MF12tn**
37a	**2228 Unit – store area – southwest under carpet – 12" gray and green floor tile on concrete**	**Positive 20% Chrysotile**	**2,300 Sq. Ft.**	**MF12yg**
37b	**2228 Unit – store area – southwest under floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**2,300 Sq. Ft.**	**MF12yg**

Sample #	Location and Description	Results	Approximate Quantity	Homogeneous Code
38a	**2228 Unit – store area – south offices under carpet – 12" gray and green floor tile on concrete**	**Positive 20% Chrysotile**	**Reference Sample 37a**	**MF12yg**
38b	**2228 Unit – store area – south offices under floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**Reference Sample 37a**	**MF12yg**
39a	**2228 Unit – store area – center storage area under carpet – carpet mastic**	**Positive 3% Chrysotile**	**800 Sq. Ft.**	**MF12yg**
39a	**2228 Unit – store area – center storage area under carpet mastic – 12" gray and green floor tile on concrete**	**Positive 25% Chrysotile**	**Reference Sample 37a**	**MF12yg**
39b	**2228 Unit – store area – center storage area under floor tile on concrete – mastic**	**Positive 7% Chrysotile**	**Reference Sample 37a**	**MF12yg**
40	2228 Unit – store area – south offices – 2' x 4' ceiling tile	Negative	N/A	MSCT24
41	2228 Unit – store area – south offices – 2' x 4' ceiling tile	Negative	N/A	MSCT24
42	2228 Unit – store area – south offices – 2' x 4' ceiling tile	Negative	N/A	MSCT24
43a	**2230 Unit – west side top layer – 12" tan floor tile**	**Positive 5% Chrysotile**	**1,700 Sq. Ft.**	**MF12t**
43b	**2230 Unit – west side top layer – under tan floor tile – mastic**	**Positive 8% Chrysotile**	**1,700 Sq. Ft.**	**MF12t**
43c	**2230 Unit – west side bottom layer – 12" green floor tile on concrete**	**Positive 15% Chrysotile**	**1,700 Sq. Ft.**	**MF12g**
43d	**2230 Unit – west side bottom layer – under green floor tile on concrete – mastic**	**Positive 3% Chrysotile**	**1,700 Sq. Ft.**	**MF12g**
44a	**2230 Unit – center top layer – 12" tan floor tile**	**Positive 6% Chrysotile**	**Reference Sample 43a**	**MF12t**
44b	**2230 Unit – center top layer – under tan floor tile – mastic**	**Positive 7% Chrysotile**	**Reference Sample 43b**	**MF12t**
44c	**2230 Unit – center bottom layer – 12" green floor tile on concrete**	**Positive 20% Chrysotile**	**Reference Sample 43c**	**MF12g**
44d	**2230 Unit – center bottom layer – under green floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**Reference Sample 43d**	**MF12g**
45a	**2230 Unit – east side top layer – 12" tan floor tile**	**Positive 6% Chrysotile**	**Reference Sample 43a**	**MF12t**
45b	**2230 Unit – east side top layer – under tan floor tile – mastic**	**Positive 8% Chrysotile**	**Reference Sample 43b**	**MF12t**
45c	**2230 Unit – east side bottom layer – 12" green floor tile on concrete**	**Positive 20% Chrysotile**	**Reference Sample 43c**	**MF12g**
45d	**2230 Unit – east side bottom layer – under green floor tile on concrete – mastic**	**Positive 5% Chrysotile**	**Reference Sample 43d**	**MF12g**
46a	2230 Unit – west side on wall – blue ceramic tile	Negative	N/A	MCTMb
46b	2230 Unit – west side on wall – grout	Negative	N/A	MCTMb
46c	2230 Unit – west side on wall – under ceramic tile – mastic	Negative	N/A	MCTMb
47	Exterior – around doors and windows – caulk	Negative	N/A	MCLK
48a	Exterior – at store entries – red ceramic tile	Negative	N/A	MCTMr
48b	Exterior – at store entries – grout/mortar	Negative	N/A	MCTMr

Notes: N/A = Not Applicable
Sq. Ft. = Square Feet
Ln. Ft. = Linear Feet

Summary of Asbestos Containing Materials

Material	Homogeneous Code	Location	Approx. Quantity
Black Mastic Under Ceramic Floor Tile	MCTMgy	2222, 2224, 2226 Restroom Floors	90 Sq. Ft.
9” Gray Floor Tile & Mastic	MF9y	2224 Unit Storage Room	45 Sq. Ft.
Mastic Under White & Blue Linoleum	MFLwb	2222 Unit Store Area & Storage Room	180 Sq. Ft.
Black Carpet Mastic	MCM	2222 Unit Store Area	240 Sq. Ft.
9” Red Floor Tile & Mastic	MF9r	West Basement Stair Landing	70 Sq. Ft.
9” Tan Floor Tile & Mastic	MF9t	Basement-Room North of West Stair	320 Sq. Ft.
Black Tape Wrap	TTW	Basement-Room North of West Stair	3 Ln. Ft.
Flue Packing	TFP	Basement Boiler Room	1 Sq. Ft.
12” Gray Floor Tile & Mastic	MF12y	Basement Northeast Locker Room	220 Sq. Ft.
12” Green & Black Floor Tile & Mastic	MF12gk	2228/2230 East Storage Room	1,300 Sq. Ft.
12” Tan & Brown Floor Tile & Mastic	MF12tn	2228 Unit Store Area Northwest	170 Sq. Ft.
12” Gray & Green Floor Tile & Mastic	MF12yg	2228 Unit Store Area & Center Storage Room	2,300 Sq. Ft.
Mastic Under Carpet	MF12yg	2228 Unit Center Storage Room	800 Sq. Ft.
12” Tan Floor Tile & Mastic	MF12t	2230 Unit Store Area Top Layer	1,700 Sq. Ft.
12” Green Floor Tile & Mastic	MF12g	2230 Unit Store Area Bottom Layer	1,700 Sq. Ft.

Assumed Category I Non-Friable Asbestos Containing Material:

Floor Level	Location	Description	Approximate Quantity
Roof	Building	Built up Roofing & Flashing	9,900 Sq. Ft.

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MDW	Drywall/Joint Compound
MCTMgy	Green & Gray Ceramic Tile
MCTMk	Black Ceramic Tile
MCTMg	Green Ceramic Tile
MCTMl	Yellow Ceramic Tile
MCTMb	Blue Ceramic Tile
MCTMr	Red Ceramic Tile
MF9y	9” Gray Floor Tile
MF9r	9” Red Floor Tile
MF9t	9” Tan Floor Tile
MF12y	12” Gray Floor Tile
MF12gk	12” Green & Black Floor Tile
MF12tn	12” Tan & Brown Floor Tile
MF12yg	12” Gray & Green Floor Tile
MF12t	12” Tan Floor Tile
MF12g	12” Green Floor Tile
MFLwb	White & Blue Linoleum

Homogeneous Material Codes

MCM	Carpet Mastic
MCI	Cloth Insulation
MPG	Glazing Compound
MSCT24	2' x 4' Ceiling Tile
MCLK	Caulk
TTW	Black Tape Wrap
TFP	Flue Packing

Note#1: Category I – Non-Friable Asbestos Containing Materials may become friable during mechanical demolition activities or maybe considered friable prior to demolition activities due to its current condition.

Note#2: If additional materials are discovered during demolition 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 demolition contractor.

Note#4: Floor tile and mastic were in good (non-friable) condition at time of inspection.

V. EXCLUSIONS

Basement floor covered with debris. Roof visible only from ground. No visible or accessible areas were excluded from the scope of work.

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

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

VI. LIMITATIONS

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

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Milwaukee Department of Neighborhood Services. No other person or entity may rely on this report or any information contained herein. Any dissemination of the

Report or any information contained herein is strictly prohibited without prior written authorization from Harenda Management Group.

VII. PRE-DEMOLITION ENVIRONMENTAL CHECKLIST

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

ASBESTOS

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

CFCs and HALONS

Equipment that may contain CFCs and Halons:

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

90	Fluorescent Lights – 1st Floor, 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

5	Old Thermostats – 2222 Unit, 2226-2230 Units
N/A	Aquastats
N/A	Firestats
N/A	Manometers
N/A	Thermometers

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

N/A	Mercury Flame Sensors by pilot lights
N/A	Manometers, Thermometers, Gauges
N/A	Pressure-trol
N/A	Float or Level Controls
3	Space Heaters – 2228 & 2230 Units

ELECTRICAL SYSTEMS – 4 Breaker Boxes in 2222, 2224, 2228, & 2230 Units. 1 Electric Meter & 1 Breaker Box Basement West Side.

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
46	Light Ballasts – 1st Floor, Basement
N/A	Specialty Paints (such as for swimming pools or other industrial applications)
N/A	Sumps or Oil Traps (in maintenance and industrial facilities)

OTHER ENVIRONMENTAL ISSUES

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

* 3 Gallons Paint in 2224 Unit, 5 Gallons Paint 2222 Unit, 16 Gallons Paint in Basement
* 3 Gas Meters in Basement
* 5 Cans Spray Paint 2226 Unit
* 1 Gallon Gasoline in Basement West Stair

VIII. LABORATORY RESULTS

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234790
Account Number: B929

Date Received: 04/28/2014
Received By: Joanna Mueller
Date Analyzed: 04/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
001a		Layered	Light Gray Plaster	Asbestos Not Present	NA	CaCO3 Perlite
002	2	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
002a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
003	3	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
003a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
004	4	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

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004a		Layered	Light Gray Plaster	Asbestos Not Present	Cellulose <1	Quartz Sand
005	5	Layered	White Skim Coat	Asbestos Not Present	NA	Quartz Sand
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Quartz Sand
006	5A	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand
007	5B	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
007a		Layered	Light Gray Plaster	Asbestos Not Present	NA	Quartz Sand

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008	6	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
009	7	Layered	White Joint Compound	Asbestos Present Chrysotile 2	Cellulose 70	CaCO3 Paint
009a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
010	8	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 30	Gypsum
011	9	Layered	Green Ceramic Tile	Asbestos Not Present	NA	Clay

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
011a		Layered	Gray Grout	Asbestos Not Present		NA	Quartz Clay
011b		Layered	Black Mastic	Asbestos Present Chrysotile	10	NA	Tar Glue
012	10	Layered	Black Ceramic Tile	Asbestos Not Present		NA	Clay
012a		Layered	Gray Grout	Asbestos Not Present		NA	Quartz Clay
013	11	Layered	Gray Floor Tile	Asbestos Present Chrysotile	15	NA	Vinyl CaCO3
013a		Layered	Black Mastic	Asbestos Present Chrysotile	6	NA	Tar
014	12	Layered	Red Floor Tile	Asbestos Present Chrysotile	10	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
015	13	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
015a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						
016	14	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
016a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						
017	15	Layered	Beige Sheet Vinyl	Asbestos Not Present	Cellulose 25 Glass Fiber 5	Vinyl Foam
017a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
Small sample amount						

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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
018	16	Homogeneous	Black Mastic	Asbestos Present Chrysotile 4	Cellulose 2	Tar
019	17	Homogeneous	Dark Gray Ceramic Tile	Asbestos Not Present	NA	Clay
020	18	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
020a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
021	19	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
021a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
022	20	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
023	21	Homogeneous	Black Mastic	Asbestos Present Chrysotile 20	NA	Tar Cork
024	22	Homogeneous	Beige Fabric	Asbestos Not Present	Cellulose 98	
025	23	Homogeneous	Tan Insulation	Asbestos Present Chrysotile 6	NA	Quartz CaCO3
026	24	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
026a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
027	25	Layered	Gray Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3

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027a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
028	26	Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
028a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
029	27	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
029a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay
030	28	Layered	Beige Ceramic Tile	Asbestos Not Present	NA	Clay
030a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	29	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
032	30	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
033	31	Homogeneous	White Texture	Asbestos Not Present	NA	Quartz CaCO3
034	32	Layered	Dark Green Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
034a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
035	33	Layered	Gray Floor Tile	Asbestos Present Chrysotile 15	NA	Vinyl CaCO3
035a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
036	34	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
036a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
037	35	Homogeneous	Light Gray Window Glazing	Asbestos Not Present	NA	CaCO3 Paint
038	36	Layered	Beige Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
038a		Layered	Black Mastic	Asbestos Present Chrysotile 8	NA	Tar
039	37	Layered	Green Floor Tile	Asbestos Present Chrysotile 20	NA	Vinyl CaCO3
039a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
040	38	Layered	Green Mastic	Asbestos Present Chrysotile 3	NA	Glue
040a		Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
040b		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
041	39	Layered	Gray Floor Tile	Asbestos Present Chrysotile 25	NA	Vinyl CaCO3
041a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
042	40	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 35 Glass Fiber 35	Perlite Paint
043	41	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 35 Glass Fiber 35	Perlite Paint

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234790
Account Number: B929

Date Received: 04/28/2014
Received By: Joanna Mueller
Date Analyzed: 04/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)		Non Fibrous
044	42	Homogeneous	White Ceiling Tile	Asbestos Not Present		Cellulose Glass Fiber	35 35	Perlite Paint
045	43	Layered	Beige Floor Tile	Asbestos Present Chrysotile	5	NA		Vinyl CaCO3
045a		Layered	Black Mastic	Asbestos Present Chrysotile	8	NA		Tar
045b		Layered	Gray Floor Tile	Asbestos Present Chrysotile	15	NA		Vinyl CaCO3
045c		Layered	Black Mastic	Asbestos Present Chrysotile	3	NA		Tar
046	44	Layered	Beige Floor Tile	Asbestos Present Chrysotile	6	NA		Vinyl CaCO3
046a		Layered	Black Mastic	Asbestos Present Chrysotile	7	NA		Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234790
Account Number: B929

Date Received: 04/28/2014
Received By: Joanna Mueller
Date Analyzed: 04/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
046b		Layered	Green Floor Tile	Asbestos Present Chrysotile	20	NA	Vinyl CaCO3
046c		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
047	45	Layered	Beige Floor Tile	Asbestos Present Chrysotile	6	NA	Vinyl CaCO3
047a		Layered	Black Mastic	Asbestos Present Chrysotile	8	NA	Tar
047b		Layered	Green Floor Tile	Asbestos Present Chrysotile	20	NA	Vinyl CaCO3
047c		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
048	46	Layered	Green Ceramic Tile	Asbestos Not Present		NA	Clay

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. 234790
Account Number: B929

Date Received: 04/28/2014
Received By: Joanna Mueller
Date Analyzed: 04/29/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

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

Project: DNS
Project Location: Milwaukee, WI
Project Number: 14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
048a		Layered	Pink Grout	Asbestos Not Present	NA	CaCO3 Clay
048b		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
049	47	Homogeneous	Light Gray Caulk	Asbestos Not Present	NA	Silicone
050	48	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay
050a		Layered	Gray Grout	Asbestos Not Present	NA	Quartz Clay

Sandy Baker, Analyst

4/29/2014
Date of Report

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

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ASBESTOS CHAIN OF CUSTODY

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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. 234790	
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:	14-200-042.2228
P.O. Number:	

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

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/25/14 1800	FedEx	[signature]	4-28-14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

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

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

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ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234790
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	9	☒				
12	10	☐				
13	11	☐				
14	12	☐				
15	13	☐				
16	14	☐				
17	15	☐				
18	16	☐				
19	17	☐				
20	18	☐				
21	19	☐				
22	20	☐				
23	21	☐				
24	22	☐				
25	23	☐				
26	24	☐				
27	25	☐				
28	26	☐				
29	27	☐				
30	28	☒				

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For Lab Use Only
Lab No. 234790
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	29	☑				
32	30	☐				
33	31	☐				
34	32	☐				
35	33	☐				
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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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	234876	Client:	Harenda Management Group Jolene Harenda 1237 West Bruce St. Milwaukee, WI 53204
Account Number:	B929		
Date Received:	04/29/2014		
Received By:	Sherrie Leftwich		
Date Analyzed:	04/29/2014	Project:	PT CT for 234790, DNS
Analyzed By:	Sandy Baker	Project Location:	Milwaukee, WI
Methodology:	EPA/600/R-93/116	Project Number:	14-200-042.2228

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	7	Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile 0.50 400 Point Count	NA	

Sandy Baker, Analyst

4/29/2014
Date of Report

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

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. _____
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:	14-200-042.2228
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Dean Jacobsen	4/29/14 1450	Email		

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	7	☑				Composite Point Count
2		☐				Quantem Lab #234790
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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

IX. HMG CERTIFICATION

Company Certificate

This certifies that

HARENDA MANAGEMENT GROUP

PO BOX 511305
NEW BERLIN WI 53151-2105

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

Asbestos Company - Primary

Certificate Issue Date: 09/11/2013
Expiration Date: 08/31/2015, 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

Dean T Jacobsen
W131s6781 Kipling Dr
Muskego WI 53150-3401

		160 lbs	5' 08"
AII-14370	Exp. 12/01/2014	12/12/1963	Male

Training due by: 12/01/2014

HARENDA MANAGEMENT GROUP
A DIVISION OF KH INDUSTRIES LLC.

LEAD BASED PAINT INSPECTION REPORT

Job Site:

Commercial Building
2228 West North 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.: 14-200-042.2228L
Contract No.: 360-14-0745

Dean Jacobsen
Lead Risk Assessor # LRA 14370

Prepared by:

HARENDA MANAGEMENT GROUP
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2014

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II. Component Testing 2
A. Summary
B. Tests Results of Components
C. Summary of OSHA Lead Based Paint Regulations
D. Summary of Wisconsin Department of Natural Resources Information

III. Limitations 5

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I. INTRODUCTION

Harenda Management Group (HMG) was retained by the City of Milwaukee Department of Neighborhood Services to conduct a preliminary survey for possible Lead Based Paint on the concrete and masonry surfaces at the following location: **2228 West North Avenue, Milwaukee, Wisconsin, commercial building.** Demolition is planned for the building. Enclosed you will find a summary of the paint testing at the above referenced location. All other areas/materials were excluded from this scope of work.

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint is present in the building, 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.

The testing took place on April 25, 2014. Samples of paint were collected from masonry surfaces (block, concrete, brick) representing all observed paint colors. Samples were analyzed at Quantem Laboratories of Oklahoma City, Oklahoma, for total lead content using USEPA Method 7000B (Reference Section II for results).

The Wisconsin Administrative Code (DHS 163) defines lead-based paint as having a surface concentration of lead that is more than 0.7 milligrams of lead per square centimeter of surface (0.7 mg/cm^2) or more than 0.06% of lead per weight of a paint chip sample.

The results of the analysis was classified as follows:

Positive: Any result above the HFS 163 Standard of 0.06% lead.

Negative: Any result at or below the HFS 163 Standard of 0.06% lead.

II. COMPONENT TESTING

A. Summary

In an effort to develop a painting history of the building, masonry was tested for the presence of lead based paint.

Exterior: 2228 West North Avenue

- **Painted brick was observed on the exterior west wall. Lead based paint was detected.**

Interior: 2228 West North Avenue

Painted concrete floors, columns, and ceilings and block walls were observed on the 1st floor; and painted concrete floors, walls, and ceilings and block walls were observed in the basement. Lead based paint was detected on some of these surfaces.

Reference Test Results of Components below.

B. Test Results of Components:

Site: 2228 West North Avenue, Milwaukee, Wisconsin Date: 4/25/14

Paint Testing Results						
Sample	**Location**	**Component & Feature**	**Substrate**	**Color**	**PbC (%)**	**Result**
1L	**2226 Unit Store Area**	**Floor**	**Concrete**	**Gray**	**0.105**	**Positive**
2L	**2226 Unit Store Area**	**Southwest Wall**	**Block**	**Yellow**	**0.114**	**Positive**
3L	2224 Unit Store Area	Floor	Concrete	Red	<0.0046	Negative
4L	2224 Unit Store Area	Northwest Wall	Block	Blue	<0.0052	Negative
5L	West Basement Stair	Wall	Block	Gray/White	<0.0049	Negative
6L	Basement	Ceiling	Concrete	White	0.0055	Negative
7L	Basement	Floor	Concrete	Gray	0.0071	Negative
8L	Basement	Wall	Block	Green/White	<0.0043	Negative
9L	Basement	Wall	Concrete	Green/White	0.0156	Negative
10L	**Basement Restrooms**	**Floor**	**Concrete**	**Red**	**2.53**	**Positive**
11L	**1st Floor**	**Column**	**Concrete**	**Black/White**	**0.156**	**Positive**
12L	**1st Floor**	**Ceiling**	**Concrete**	**White/Tan**	**0.0729**	**Positive**
13L	**Exterior**	**West Wall**	**Brick**	**White**	**0.130**	**Positive**

The inspection did find Lead-Based Paint on the commercial building:

- **Unit 2226 Concrete Floor & Block Wall**
- **1st Floor Concrete Ceilings & Columns**
- **Basement Restrooms Concrete Floor**
- **Exterior West Wall Brick**

All other painted masonry surfaces tested do not have Lead-Based Paint. If there are any further concerns over what to do with certain components, we can do additional testing, and/or review records for historical precedents for removal, disposal and cleanup.

Any other paint found in the building that is disturbed should be handled as lead based paint.

Lead-Based Paint components were in good to poor condition at the time of this inspection – paint was peeling on floors and ceilings.

The testing of components in the structure fulfilled the need for OSHA notification of workers.

C. Summary of OSHA Lead Based Paint Regulations

The OSHA regulation for Lead Exposure in Construction is 29 CFR 1926.62. The law states that in the presence of any measurable amount of Lead a contractor is obligated to take some actions to ensure the safety of its work-force and that of the owner.

Workers demolishing building materials containing lead based paint must be monitored for lead exposure. Monitoring for lead exposure is covered under U.S. Department of Labor Occupational Safety and Health Administration 29 CFR 1926.62 for the construction industry, which includes:

- Demolition or salvage of structures where lead or materials containing lead are present.
- Removal or encapsulation of materials containing lead.
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead.

The employer is required to initially determine if any employee may be exposed to lead at or above the action level. **The action level means employee exposure, without regard to the use of respirators, to an airborne lead concentration of 30 $\mu g/m^3$ of air calculated as an 8 hour time weighted average.** The employer must collect personal samples representative of a full shift for each job classification in each work area. The samples must be representative of the monitored employee's regular daily exposure to lead. **OSHA has also set a permissible exposure limit (PEL) which is defined as a lead concentration of 50 $\mu g/m^3$ of air averaged over an eight hour period.** If the initial exposure assessment has not been completed, the employer must treat the employee as if the employee were exposed above the PEL, and not in excess of ten times the PEL, for tasks including demolition of structures with lead containing coatings or paint. This includes respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring, and training.

If all concentrations are below the action level, additional air monitoring is not needed except when there has been a change in equipment, process, control, personnel, or type of task that may result in additional employees being exposed to lead at or above the action level. If exposure is between the action level and PEL, air monitoring must be done at least every six months until two consecutive readings taken at least seven days apart are below the action level. If exposure is above the PEL, air monitoring must be done quarterly until two consecutive readings taken at least seven days apart are below the PEL. Employees must be notified in writing of the results within 5 working days after completion of the air exposure assessment.

D. Summary of Wisconsin Department of Natural Resources Information

According to Wisconsin Department of Natural Resources Planning Your Demolition or Renovation Project (WA-651), building materials from remodeling or demolition debris that contain lead based paint are considered a waste, unless an exemption is obtained from the Department. Check with the Department for further guidance. Lead based paint chips or paint residue by themselves may be a hazardous waste. Additional testing by the toxicity characteristic leaching procedure (TCLP) method and comparison to hazardous waste regulations would be needed to determine this.

III. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of HMG represent our professional opinions extrapolated from limited data. 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 is 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.

IV. LABORATORY RESULTS

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 234782
Date Received: 04/28/14
Received By: Sherrie Leftwich
Date Sampled:
Time Sampled:
Analyst: BM
Date of Report: 4/28/2014

AIHA ID: 101352

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

Acct. No.: B929

Project: DNS
Location: Milwaukee, WI
Project No.: 14-200-042.2228

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	1	Paint	Lead	0.105	0.00448	%	04/28/14 13:30	P EPA 7000B (1)
002	2	Paint	Lead	0.114	0.00496	%	04/28/14 13:30	P EPA 7000B (1)
003	3	Paint	Lead	<0.00465	0.00465	%	04/28/14 13:30	P EPA 7000B (1)
004	4	Paint	Lead	<0.00527	0.00527	%	04/28/14 13:30	P EPA 7000B (1)
005	5	Paint	Lead	<0.00491	0.00491	%	04/28/14 13:30	P EPA 7000B (1)
006	6	Paint	Lead	0.00558	0.00466	%	04/28/14 13:30	P EPA 7000B (1)
007	7	Paint	Lead	0.00711	0.00437	%	04/28/14 13:30	P EPA 7000B (1)
008	8	Paint	Lead	<0.00434	0.00434	%	04/28/14 13:30	P EPA 7000B (1)
009	9	Paint	Lead	0.0156	0.00513	%	04/28/14 13:30	P EPA 7000B (1)
010	10	Paint	Lead	2.53	0.00505	%	04/28/14 13:30	P EPA 7000B (1)
011	11	Paint	Lead	0.156	0.00498	%	04/28/14 13:30	P EPA 7000B (1)
012	12	Paint	Lead	0.0729	0.0051	%	04/28/14 13:30	P EPA 7000B (1)
013	13	Paint	Lead	0.130	0.00436	%	04/28/14 13:30	P EPA 7000B (1)

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

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

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

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

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

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID:	234782	**Client:**	Harenda Management Group Jolene Harenda 1237 West Bruce St. Milwaukee, WI 53204
Date Received:	04/28/14		
Received By:	Sherrie Leftwich		
Date Sampled:			
Time Sampled:		**Acct. No.:**	B929
Analyst:	BM		
Date of Report:	4/28/2014	**Project:**	DNS
		Location:	Milwaukee, WI
AIHA ID: 101352		**Project No.:**	14-200-042.2228

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method

Authorized Signature: _____

Benton Miller, 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

QUANTEM LABORATORIES

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2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 234782	
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:	14-200-042.2228

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

Sampled By:	Name:	Date:

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[illegible]	4/25/14 1800	FedEx	S Lightwich	4/28/14 10:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

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

QUANTEM LABORATORIES

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LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 234782	
Accept	Reject

Project Information

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

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			Units (☑ ONE box only)					
						Pb			PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
13	13				B	X				X				
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														

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

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"

CITY OF MILWAUKEE
PRIME CONTRACTOR AFFIDAVIT OF COMPLIANCE
WITH MINIMUM WAGE SCALE AND SPECIAL AREA WORKER HOURS PROVISIONS

STATE OF_____) Project Name_____
) SS.
_____County) DPW Contract No._____

I,_____, being duly sworn, state that:

1. I am the _____ of _____, a _____
(State)
Corporation, partnership, or individual of _____, _____,
(City, Village, Township) (State)
and make this affidavit pursuant to the provisions of § 66.0903 (9), Wisconsin Statutes, and Wisconsin Administrative Code section §DWD 290.14 regarding wage and fringe benefit rates for municipal contracts for construction of public works and pursuant to Section 309-41 of the Milwaukee Code of Ordinances.

2. I have recently completed the work required under the terms of the contract dated _____, With the City of Milwaukee, Department of Public Works for the construction of all or part of the above-named public works project and make this affidavit in order to obtain my final payment.

3. I have fully complied with the wage and hour requirements as set forth in the above-referenced contract and paid overtime rates (1-1/2 times) for any work over ten (10) hours per day or forty (40) hours per week.

4. I have received similar evidence of compliance with the contract wage rates and special impact area worker hour requirements in the form of completed affidavits from each of my agents and subcontractors who worked on this project and have listed their names on the reverse side of this affidavit along with numbers and percentages of worker hours.

5. I have full and accurate records which clearly show the name, trade or occupation, and home address of every laborer, worker, or mechanic that I employed in connection with the work on this project, as well as the hours worked and actual wage and fringe benefits paid to such employees. These records will be kept at _____ in the custody of _____, whose address and telephone number are _____ _____. These payroll records and evidence of compliance set in Paragraph 4 will be retained and made available for inspection for a period of at least **seven (7)** years following the completion of the project and will not be removed without prior notification to the commissioner of Public Works.

Title	Officer Name	Address
President	_____	_____
Vice President	_____	_____
Secretary-Treasurer	_____	_____

Subscribed and sworn to before me this_____
Day of _____, 20_____

_____
(Notary Signature)

Notary Public, State of _____ _____
(Contractor Signature)

My commission Expires: _____

Form DPW-6(10/2014)

CITY OF MILWAUKEE
CONTRACTORS TIME REPORT

Contractor_____ **Contract No. C**_____
Sub-Contractor_____ **Period Starting**_____
Work Location_____ **Period Ending**_____

Complete and return to Rm. 105, Dept. of Neighborhood Services within 10 days following the completion of work on a contract, or every three months, whichever occurs first.

NAME/ ADDRESS	Job Class.	Appren	RESIDENCY			GENDER	RACE	REGULAR HOURS		OVERTIME HRS.		HOURLY CONTRIBUTIONS TO BE MADE			
			Target Milw.	Non-Target Milw.	Non-Resident Milw.			Total Hours Worked	Hourly Rate*	Total Hours Worked	Hourly Rate*	Welfare Fund	Vacation Fund	Pension Fund	Other

***Exclude Welfare, Vacation, Pension Fund and Other Contributions unless they are paid as wages.**

State of Wisconsin) ss.
County of Milwaukee)

This is to certify that each and every employee was employed by me during the above period on the contract covered by this report as listed above and has been paid in full without rebate the amounts indicated, and that we have conformed with the requirements of the applicable Prevailing Wage Scale.

Subscribed and sworn to before me this _____ day of _____A.D.

_____
Company Officer's Signature

My commission Expires_____ _____
Notary Public Milwaukee County

_____
Type or Print Officer's Name & Title